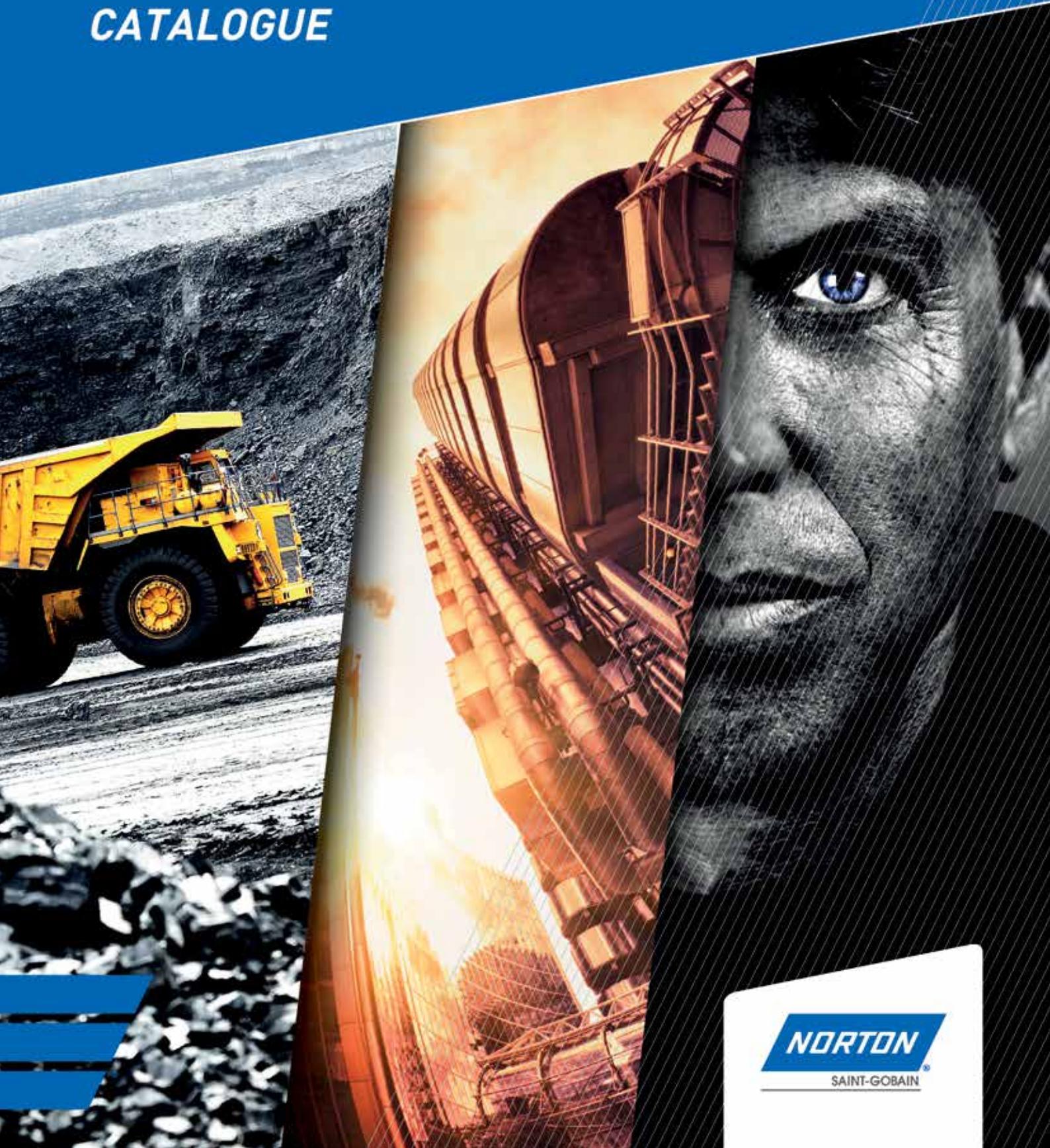


ABRASIVE SOLUTIONS

# COATED ABRASIVES & NON-WOVEN

CATALOGUE

Reshaping  
your  
world.



NORTON  
SAINT-GOBAIN

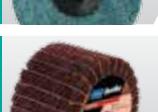
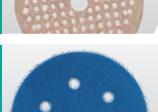




## RESHAPING YOUR WORLD WITH...

WORLDWIDE MARKET LEADERSHIP  
WORLD CLASS PRODUCT INNOVATIONS  
CUTTING EDGE TECHNOLOGIES  
A COMPLETE RANGE OF STOCK PRODUCTS  
THE WIDEST SPECTRUM OF PRODUCT QUALITY  
MADE-TO-ORDER SOLUTIONS

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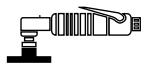
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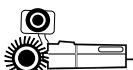
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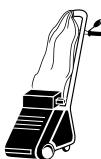
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# INTRODUCTION

Saint-Gobain is a global manufacturer and provider of high-technology materials and associated services. Abrasives forms one key part of the Innovative Materials Division of Saint-Gobain, which is one of the four key areas of activity in which Saint-Gobain operate. The other three sectors of activity are Construction Products, Building Distribution and Packaging.



## SAINT-GOBAIN AT A GLANCE

- € 42 billion turnover
- >1000 consolidated companies in 64 countries
- Over 195,000 employees
- 12 research centres and 101 development units

A world leader in Glass, Housing Products & High Performance Materials with the mission to be No.1 or 2 in each of its industries.

**SAINT-GOBAIN ABRASIVES IS ONE OF THE ONLY INTERNATIONAL MANUFACTURERS TO PRODUCE EACH OF THE THREE MAJOR ABRASIVE TYPES: BONDED, COATED AND SUPER ABRASIVES.**

## SAINT-GOBAIN ABRASIVES

Saint-Gobain Abrasives invests time and resources to understand and fulfil evolving customer needs. This is reflected in world-wide status as market leader. With a strong presence in every continent, the Abrasive division serves customers through organisational units in 28 countries and employs nearly 16,000 people. It is the only international manufacturer to produce each of the three major types of abrasives: bonded abrasives (resinoid and vitrified), coated abrasives and super abrasives (diamond) products. The Abrasives business is committed to expanding technology and developing complete and innovative product lines, with an irrefutable reputation for quality and safety.

# DELIVERING ENVIRONMENTAL EXCELLENCE

Norton prides itself on having an environment friendly approach to all its business activities. This approach is actively pursued as caring for the environment is a fundamental part of the corporate culture of Saint-Gobain. Environmental responsibility is both our responsibility as employers and also important for successful business operations.



## SAINT-GOBAIN ABRASIVES ACTIVELY LOOKS TO PROMOTE ITS ENVIRONMENTAL PRINCIPLES THROUGH ITS WIDELY DISTRIBUTED EHS (ENVIRONMENT, HEALTH AND SAFETY) POLICY.

Saint-Gobain Abrasives actively looks to promote its environmental principles through its widely distributed EHS (Environment, Health and Safety) policy. The Environment Policy Statement is distributed to all employees in Europe, to ensure a clear consistent message is delivered. This is supported by the responsible attitude shown by all our employees towards the use of natural resources, and constant monitoring to ensure that environmentally focused business objectives are met. This is ensured through regular procedural reviews and employee training sessions.

## ENVIRONMENT PROTECTION

- Waste management is undertaken to optimise recycling activities of materials including paper, carton, wood, production dust, steel, and batteries
- Zero pollution of air, water and land is defined as a major objective.

## REDUCTION OF NATURAL RESOURCES CONSUMPTION

- New production processes and procedures are regularly implemented to help minimize the amount of waste created at all manufacturing processes
- Improving process technology and systems is a strong focus to help enhance energy conservation.

All Saint-Gobain Abrasives manufacturing facilities implement an Environmental Management System, with most having been certified to the international ISO 14001 standard. The company's objective is to have all the sites certificated with this standard before the end of 2007. We, at Saint-Gobain Abrasives, seek to achieve environmental excellence in all our business operations.



## THE FIRST ABRASIVES MANUFACTURER TO SELL FSC CERTIFIED ABRASIVES

Utilising responsibly sourced material and preserving natural resources is a high priority for Saint-Gobain Abrasives so our European coated abrasive plants manufacturing paper backed products are now FSC certified.

# LOCATIONS AROUND THE WORLD



## PATENTS & TRADEMARKS

Norton shows its commitment to innovation by filing Patents and Trademarks for its most innovative product solutions.

ALTOS®

BDX™

BEAR-TEX®

BLAZE®

BLACK ICE™

BLUE FIRE®

DRY ICE™

LIQUID ICE™

MULTI-AIR®

NEON™

NORBIDE STIK®

NO-FIL®

NORAX®

NORCLEAN®

NORFLEX™

NORLINE™

NORZON®

OCTOPUS®

PLASTIFILM®

QUANTUM™

RAPIDSTRIP™

RED HEAT™

ROTOLO FOAM®

SG™

SPEEDLOK™

SPITFIRE™

STARLINE™

TOROS™

VITRIUM<sup>3</sup>®

VORTEX®

VULCAN®

# THE WORLD'S PREMIUM ABRASIVE BRAND



## A HISTORY OF EXCELLENCE

In the mid 19th Century, a group of ceramists and entrepreneurs in Worcester, Massachusetts, USA, set out with a goal: meet the growing need of the burgeoning US manufacturing industry, which needed an ever increasing supply of grinding wheels to build and maintain machinery.



**NORTON OFFERS POWERFUL, PRECISE AND USER FRIENDLY SOLUTIONS ENABLING OUR CUSTOMERS TO SHAPE AND SURFACE-FINISH ALL TYPES OF MATERIALS EVEN IN THE MOST CHALLENGING AUTOMOTIVE APPLICATIONS.**

As the technology leader, Norton sits at the forefront of the industry providing highly engineered, high-performance value-adding abrasives.

Norton's continual investment in R&D and close collaboration with customers generates highly performance-optimised innovations.

This strong commitment ensures that exciting new products are continuously introduced which offer substantial customer benefits. Helping to improve process productivity and reshape the world of abrasive solutions.

## THE NORTON BRAND HISTORY

Norton started as a pottery business in 1858 in Worcester, Massachusetts, USA. By 1876, they were manufacturing grinding wheels, having a patent for vitrified wheels, with customer demands flourishing. In 1885, the Norton Emery Wheel Company was founded commanding 1.5 million square feet (140,000 square metres) of manufacturing space.

Throughout the 20th century, Norton continually grew its abrasive range and became established world-wide: Germany (1910), France (1920), UK (1930), Italy (1935), Brazil (1956), India (1968), Japan (1972)... By 1950, Norton was the leading world-wide abrasive brand.

Through continual improvement, product excellence and a drive for innovation, Norton continues today to be the world leader in abrasives - a brand synonymous with quality and cutting edge technological solutions.

- Annual world-wide turnover € 1.25 Billion
- 45 manufacturing sites
- Over 60 sales offices across 28 countries in 5 continents

# DELIVERING A SUSTAINABLE FUTURE

In 2014 Saint-Gobain Abrasives launched this new sustainability plan aligned with our business values and vision.

This 6 point plan of operational policies and practices underpins our commitment to sustainable development

## Our commitments to sustainable development

### Our Vision

Be the **global leader** of reference in Abrasives, at the leading edge of **innovation** and **service**. Delivering the most comprehensive **Abrasive Solutions** to our customers.



### Our Values

Comprehensively and strictly apply our Saint-Gobain Principles of Conduct & Action.

#### Conduct

- Professional commitment
- Respect for others
- Integrity
- Loyalty
- Solidarity

#### Action

- Respect for the law
- Caring for the environment
- Worker health and safety
- Employee rights



Pursue an ambitious policy to constantly **improve workplace health & safety**

Safety is our number one priority: lost time accidents have reduced five fold in 10 years

All operators individually assessed at least 3 times Per annum through the SMAT program (Senior Management Audit Tool)

- 9213 individual SMAT's in 2013

21,343 hours of training on Saint-Gobain Safety Standards

Reduction of workplace hardship: exposure to noise, repetitive tasks, safety, ergonomics...

Reduction of exposure to chemicals

Annual world-wide EHS day

1.  
Our  
commitments  
to sustainable  
development



**Minimize the environmental footprint** of our operations with five priorities

Increase the energy efficiency of our production

Increase the use of recycled raw materials in our plants

Reduce our CO<sub>2</sub> emissions

Optimize our water resources

Strict waste segregation policy

4.  
Our  
commitments  
to sustainable  
development

as a global leader. We have made significant progress in advancing sustainability with a number of

major accomplishments in each area which we have detailed below.

## 2.

Continuously encourage the **personal development** of our employees

Saint-Gobain awarded Top Employer 2014 in China, France, and Italy, plus Top Employer in Europe

60+ training courses proposed by Saint-Gobain Abrasives University and Saint-Gobain Training

Systematic employee satisfaction surveys

2.  
Our  
commitments  
to sustainable  
development

## 3.

Be a **responsible & sustainable player** internationally & within our local communities

Founder member of FEPA and oSa, actively promoting the safety of abrasives

Sustainable development policies audited by VERITAS

Sponsors of local communities through initiatives such as social mobility, heating of local schools...

Extensive roll out of international standards ISO 9001, ISO 14001, OHSAS 18001

Internal testing & certification based on the following safety standards:

EN12413: 1999 [ Bonded Abrasives ]

EN13236: 2001 [ Super Abrasives ]

EN13743: 2002 [ Coated Abrasives ]

EN13236: 2001 [ Diamond Blades ]

3.  
Our  
commitments  
to sustainable  
development

## 5.

Implement **alternative solutions to fossil energy** for our operations

Develop R&D programs notably regarding green electricity, biogas and syngas made from biomass

5.  
Our  
commitments  
to sustainable  
development

## 6.

Continuously **develop eco-valorized products** bringing additional value to our customers

The first abrasives manufacturer to produce FSC® products

Use of natural resins and recycled grains

High performance abrasive products & solutions that help to reduce environmental impact and user exposure:  
 - low noise  
 - low vibration  
 - low dust

6.  
Our  
commitments  
to sustainable  
development

## CENTRE OF EXCELLENCE TRAINING CENTRES



It is our goal to establish a long-term relationship with our customers, with a strong emphasis on sharing our professional skills, process knowledge and providing up-to-date information regarding industry developments. The result allows you, our customer, to receive the greatest value from our product solutions for automotive repair shops.

Our Centre of Excellence Training Centre in Melbourne, is a fully equipped facility offering a professional technical location for hands-on training based on best practices in repair shops.

Training sessions are organised on a frequent basis: to share experience, train technicians and to maximise close collaboration between our team and our customers to choose the right product, providing best performances, evaluating market-trends, and anticipating future developments in new paints, lighter body panels, etc.

If you are interested in participating please contact your local representative to enquire about the possibilities.

## RESEARCH & DEVELOPMENT



BY SETTING THE STANDARDS EACH AND EVERY DAY, WE WILL CONTINUE IN THE FUTURE TO BE THE LEADER IN PROVIDING SANDING SOLUTIONS FOR INDIVIDUAL OPERATIONS AND COMPLETE PROCESSES FOR SPECIALISED APPLICATIONS.

Norton is recognised for the innovative nature of its products. Our research and development is constantly driven to improve our portfolio of products, by finding solutions to increase productivity and efficiency, always considering safety and the environment.

Every year, significant investment is made in R&D, with committed staff working in special development units, located throughout Europe and the world. Reactivity and flexibility are key within our corporate R&D strategy, enabling us to react to changing or new technologies and the development of advanced solutions.

# ABRASIVE MARKETS

## METAL FABRICATION

Norton continues to play a key role in the Metal Fabrication market, delivering hi-tech relevant abrasive solutions for all applications in surface preparation and finishing. Decades of acquired expertise combined with innovative technology allows Norton to offer the most appropriate abrasive solutions for the most common applications, including: ship building, food industry, chemical and oil industries and boiler making.



APPLICATION	PRODUCT GROUP	MAIN BENEFITS	PAGE
Heavy grinding & deburring	Fibre discs	Aggressive cutting	84
Welds grinding & blending	Flap discs	Versatility	88
Grinding & sanding all kind of metals	Narrow belts	High stock removal	214
Light to medium deburring	SpeedLok discs	Long life	108
Light to heavy duty cleaning	Beartex discs	High resistant	97
Finishing of Stainless Steel	Norax belts	Consistent and predictable surface finish	262
Cleaning & finishing	Flap wheels	Consistent finish	226

## FEATURE PRODUCTS

COATED ABRASIVES	PAGE
R828 X-Treme HD Flap discs	88
F980 Norton Blaze	108
R980 Blaze belts	214
R207 Flap wheels	226

## THE ULTIMATE SOLUTION



An incomparably high performance, high quality product designed specifically for finishing.

### H231 NARROW & WIDE BELTS

## GENERAL ENGINEERING

Norton provides technical solutions for applications from surface grinding to sharpening operations on a range of materials from high alloy to stainless steel. In addition Norton offers technical assistance to help provide optimum performance in application precision, quality of finishing and operation productivity. Typical sectors: mechanical, mould industry, tool industry, aerospace subcontractors and medical prosthesis.



APPLICATION	PRODUCT GROUP	MAIN BENEFITS	PAGE
Surface grinding and finishing	Narrow belts	Quick metal removal and surface finishing	214
Light deburring	Coated specialities	Conformability to complex surfaces	132
Surface finishing	Flap wheels	Consistent wear rate, high quality results	226
Polishing of moulds	Beartex wheels	From preparatory lapping to finest finishing	97

## FEATURE PRODUCTS

COATED ABRASIVES/BEARTEX	PAGE
SpeedLok discs	108
Metal finishing convolute wheels	231

## MAINTENANCE & REPAIR OPERATIONS

From the most advanced and critical operation to the simplest task, Norton provides an effective solution. Customers can benefit from the largest stock range of abrasives available anywhere in Europe. On any material Norton can provide you with a range of cost effective solutions for use by hand or machine.



APPLICATION	PRODUCT GROUP	MAIN BENEFITS	PAGE
Light to heavy duty cleaning	Beartex sheets	Conformability to complex surfaces	186
Light deburring	Handy rolls	Long lasting cutting edge	196
Blending welds	Flap discs	Versatile and long lasting	88
Removing imperfections	Specialities	Wide range of items for accessing intricate areas	132

## FEATURE PRODUCTS

COATED ABRASIVES/BEARTEX	PAGE
Convolute wheels	231

## WOODWORKING

Norton has actively developed new solutions with innovative abrasives products in full co-operation with customers over many years. Whatever the machine type is, Norton is in a position to optimise the sanding process. In addition to abrasives dedicated to sophisticated machines, Norton has created a very effective range of tools, easy to use like sponges or sanding block for manual operations. Furthermore, a huge variety of product shapes are available to fit with any particular application that requires specific abrasive types. Typical sectors: carpentry, furniture manufacturer, parquetry (manufacturer and renovation), boat and marine.



APPLICATION	PRODUCT GROUP	MAIN BENEFITS	PAGE
Sanding & finishing of wood	Narrow and wide belts	Long life	243
Sanding contours	Abrasives sanding sponges	Soft and versatile manual finishing	188
Sanding contours	Narrow belts	Very flexible for machine polishing	222
Sanding	Portable belts	Long life	208
Hand sanding	Paper sheets	Load resistant	172
Bare wood sanding	Cloth rolls	Excellent finish	194
Varnished surface sanding	No-Fil paper discs	Anti-clogging and longer lasting	145
Edges sanding	Polyester narrow belts	Sharp and long lasting belts	222

## FEATURE PRODUCTS

COATED ABRASIVES/BEARTEX	PAGE
Norton Ice Discs	154
Multi-Air Discs	148

## THE ULTIMATE SOLUTION



These high performance aluminium oxide belts are ideal for any sanding applications, from rough sanding to finishing operations.

### H231 NARROW & WIDE BELTS

## FLOOR SANDING

Norton leads the development of abrasive technology in this market through innovations such as Norton Red Heat R955 with New generation SG grain which provides the optimum productivity at the lowest cost.



APPLICATION	PRODUCT GROUP	MAIN BENEFITS	PAGE
Drum sanders	Sheets and rolls	Easy to use, load resistant	249
Belt sanders	Belts	Ideal cost/benefit ratio	246
Edger sanders	Discs	Time-saving	251
Buffer sanders	Screenback Double-sided discs	Anti-clogging for a perfect finish	252

## FEATURE PRODUCTS

COATED ABRASIVES/BEARTEX	PAGE
Red Heat R955 belts	246

## THE ULTIMATE SOLUTION



These polyester backed belts are extremely strong and ideal for floor sanding. There's no need to look for any other product when sanding hard wood.

### RED HEAT R955 BELTS

## GLASS

Norton offers innovative technological solutions with coated and non-woven abrasives, and supplies a full range of products to cover the various needs for glass converting and finishing operations. Norton has been successful in adapting and evolving its products to match customer's processes in order to meet the most stringent surface quality standards on any type of machine designed for the Glass market. Typical sectors: safety and special glass, building and furniture glass.



APPLICATION	PRODUCT GROUP	MAIN BENEFITS	PAGE
Edge grinding	Narrow belts	High resistant and long life	261
Edge grinding	Cross belts	High quality and resistant	261
Edge finishing	Cork belts	High finishing quality	262
Removal coating after cutting	Beartex wheels	High performance	231

## THE ULTIMATE SOLUTION



Gives the ultimate surface finish that can ever be achieved. The grit X5 is ideal for final finishing of glass edges. Made to order.

[U366 Norax Narrow Belts](#)

## DELIVERING PRODUCT TIERING – GOOD, BETTER, BEST

To help compare and contrast the performance and price level of each Norton product line, the tiering system of Good, Better, Best is used. This is designed to help you choose the right product and to gain the appropriate level of performance for your application.



# THE NORTON ABRASIVE OFFERING

## MANUAL OPERATIONS

PRODUCT	TOOL	APPLICATION				
		METAL	FILLER	PRIMER	PAINT	CLEAR COAT
Cut Sheets	Sanding block			Norton A275, Multi-Air & Multi-Air Plus		
				Bear-Tex Hand Pads & ThinFlex		
				Norton A275		
Sheets	Hand or sanding block	Bear-Tex				
		Norton A275 & A297, G216				
				Black Ice Waterproof Paper		
Rolls	Hand or sanding block	K283				
		H231/G131				
				Norton A275 & A297		
Sponges	Hand			Bear-Tex Rolls & ThinFlex		
				Soft-Touch sponges		

## MACHINE OPERATIONS

PRODUCT	TOOL	APPLICATION				
		METAL	FILLER	PRIMER	PAINT	CLEAR COAT
Fibre Discs	Right angle grinder	F827, F226				
Flap Discs		Blaze, Norline				
Rapid Strip	Right angle or die grinder	Blaze, RapidStrip				
Speedlok	Die grinder	Blaze, R821P, Mini Flap, Vortex, Bear-Tex				
Multi-Air Discs	Orbital sander	Multi-Air Plus				
			Multi-Air			
Multi-Air Soft-Touch Discs	Orbital sander			Multi-Air, Multi-Air Plus		
Speed-Grip Discs	Orbital sander	Blue Fire				
			Norton A275, Norton Pro Film Q275, No-Fil A297			
				Norton Ice		
				Film Pure Ice Q175		
				Norton A275, No-Fil A297		
Self-Adhesive Discs	Orbital sander		Norton A275, No-Fil A297			
Multi Air Cut sheets	Orbital sander	Multi-Air Norzon				
			Multi-Air Plus			
Polishing Compounds	Right angle grinder / polisher					Liquid Ice

## NEW BRAND INVESTMENT FOR NORTON

Our goal is to strengthen our global position with a further defined brand presence, leveraging Norton's innovative excellence and reinvigorating all touch points through a unified brand experience.

### NEW PACKAGING TO STRENGTHEN BRAND PRESENCE

New and improved graphics rollout to provide a uniform brand experience.



### GLOBAL HARMONISATION OF THE NORTON BRAND

The Norton Saint-Gobain endorsed logo is the global standard for Saint-Gobain Abrasives worldwide. The new 'Mark' provides a distinctive visual symbol to the Norton brand, symbolising the cutting edge of our brand competencies and representing our Good, Better, Best quality performance tiering, whilst reflecting continued upward growth as the worldwide leader in the abrasives market.

### NEW STYLE MARKETING COLLATERAL THAT CONVEYS TECHNOLOGICAL EXCELLENCE

New style marketing collateral reinforces our leading abrasive position with unparalleled innovation and technological excellence.



## INFORMATIVE MERCHANTISING THAT'S UNIFIED ACROSS ALL MARKETS

Norton branded merchandising displays and a complete solution of point-of-sale graphics that can be tailored to customer requirements, whether that's for cutting-off & grinding, stock removal, or surface preparation & finishing.



### HEADERS



### BUS STOPS



## GLOBAL HARMONISATION OF THE NORTON BRAND

The Norton Saint-Gobain endorsed logo is the global standard for Saint-Gobain Abrasives worldwide. The 'Mark' provides a distinctive visual symbol to the Norton brand, symbolising the cutting edge of our brand competencies and representing our Good, Better, Best quality performance tiering, whilst reflecting continued upward growth as the worldwide leader in the abrasives market.



## SCAN FOR MORE INFORMATION ON OUR NORTON BRAND INVESTMENT

Simply Scan the QR code or use the web address below.

[http://www.saint-gobain-abrasives.com/Norton\\_Blu sky.aspx](http://www.saint-gobain-abrasives.com/Norton_Blu sky.aspx)



WEBSITE LINK



## HOW TO ORDER



Please contact your local Customer Service Centre,  
details can be found on the back page of the catalogue.  
For countries that are not listed please send your  
request to our European Headquarters.

When placing an order it helps to have the  
following information available:

- Your name
- Your account number
- Your order or reference number
- Product article number/s
- Required quantity
- Any special instructions

If you require additional product or technical  
information then please do not hesitate to  
contact your local Customer Service or Sales  
Representative.

For prices and terms of sale please refer to the  
price list.

# DELIVERING MADE-TO-ORDER BELT SOLUTIONS



WHATEVER THE INDUSTRIAL SECTOR, NORTON IS DEDICATED TO PROVIDING THE MOST APPROPRIATE AND EFFECTIVE ABRASIVE SOLUTION.

## NORTON IS A UNIQUE SOLUTION PROVIDER

Whatever the industrial sector, Norton is dedicated to providing the most appropriate and effective abrasive solution for any application including cutting, grinding and polishing.

In addition to the thousands of stock products available in Coated, Bonded, Thin Wheels, Diamond Blades and Super Abrasives, Norton offers a large number of made-to-order products designed to meet any technical requirement.

Made-to-order solutions represent a significant amount of the complete Norton product offering.

When complex application environments have to be analysed, when cutting-edge technology is necessary to optimise product performances, our leading brand offers the premium solution.

Many Norton customers benefit from our technical support – facilitating the choice of abrasive and combining insight from both sides to run appropriate tests and improve processes.

Sharing views and experiences, Norton represents your preferred partner to increase productivity and reduce overall cost.

## WHY SELECT NORTON

- Our Centres of Excellence enable product testing under real conditions
- We have highly skilled, knowledgeable and experienced personnel devoted to delivering high performance solutions to fulfil customer needs
- We allocate time and resource to product testing/customer case studies
- We have acquired invaluable experience over our long history
- We establish client partnerships to ensure we are aware of the most up-to-date technology with regard to processes, machines and coolants.

To learn more about Norton made-to-order capabilities, highly effective engineered solutions, cutting edge technologies that can help you optimise performance and reduce costs, please contact your local Customer Service Department.

**HELP CUSTOMERS SELECT THE RIGHT ABRASIVE FROM OUR HUGE PRODUCT OFFERING AND DELIVER HIGHLY ENGINEERED SOLUTIONS THAT NOT ONLY MEET BUT EXCEED VERY SPECIFIC AND TECHNICAL REQUIREMENTS, IN ALL MARKET SEGMENTS.**

# INTRODUCTION

The Norton coated abrasive and Beartex product offering encompasses a complete range of belts, discs, rolls, sheets and flap wheels for all your polishing, welding, maintenance and repair operations needs. This extensive product range includes products designed for all types of application, including heavy stock removal, dimensioning, grinding, deburring, cleaning, blending, polishing and finishing operations.

## UNDERSTANDING THE PRODUCT

### COATED ABRASIVES

R	9	2	9
BACKING	PRINCIPAL ABRASIVE	COATED	RANDOM
A - Light Paper F - Fibre G - Heavy Paper H - Heavy Paper K - Cloth Q - Various (e.g. Screenback & Film) <b>R - Cloth</b> S - Combination T - Waterproof Paper U - Norax W - Special (Cork)	1 - Aluminium Oxide 2 - Aluminium Oxide 3 - Aluminium Oxide 4 - Silicon Carbide 6 - Emery 7 - Flint 8 - Zirconia Alumina <b>9 - SG - Ceramic Aluminium Oxide</b>	Odd Number - Open coat <b>Even number - Closed coat</b>	Differentiates different products within the same product group

### BACKING TYPES

Whether paper, cloth, vulcanised fibre or polyester film, the backing must be smooth enough for uniform adhesive coating, strong enough to withstand grinding pressures and flexible enough to conform to contours if necessary.

### ABRASIVE BONDS

There are two main types of adhesives in use, one based on animal glue, and the more common based on synthetic heat hardenable resins. The adhesive is applied with a minimum of two bonding applications.

The first, or maker, coat adheres the abrasive grain to the backing ensuring proper anchoring and orientation. After drying, or curing, the second, or sizer, coat is applied. The sizer adhesive, united with the maker bond, provides final grain anchoring and the proper total adhesive level for the finished product.

### ABRASIVE TYPES

The ideal abrasive grain offers maximum resistance to point wear, yet fractures before serious dulling occurs, thereby satisfying both stock removal and finishing requirements.

### NATURAL ABRASIVES

Emery is a natural composite of corundum and iron oxide. The particles are blocky in shape and tend to cut slowly, thereby producing a polishing action on the material being abraded. Used for general maintenance and polishing of metals and in very fine grits for highly technical polishing, such as preparing metallurgical specimens requiring very close tolerances. Emery products are black in colour.

## SYNTHETIC ABRASIVES

- Aluminium oxide is tough and well adapted to grinding high tensile materials, such as carbon steel, alloy steels, tough bronze and hard woods. Wherever toughness (ability to resist fracturing) is the main consideration, aluminium oxide out performs all other coated abrasive grains
- Silicon carbide is the hardest and sharpest of the minerals used in coated abrasives. Its hardness and sharpness make it the ideal abrasive for sanding non-ferrous metals (aluminium, brass, bronze, magnesium, titanium, etc.), rubber, glass, plastics, fibrous woods, enamel and other relatively soft materials. Silicon carbide is superior to any other abrasive in its ability to penetrate and cut faster under light pressure
- Zirconia alumina has a unique self-sharpening characteristic which gives it long life on rugged stock removal operations. Zirconia alumina is well suited for heavy grinding of metals and planing of wood, because the controlled fracturing of the grain continuously produces sharp, new abrading points
- Ceramic aluminium oxide is a long-lasting, tough, dense abrasive due to its micro structure. The extremely small micron size particles break off during grinding, producing multiple new cutting edges. As it stays sharp, especially when used in medium and high pressure operations, it cuts at a higher rate than other abrasives. Recommended for use on forged and carbon steels, high nickel and cobalt alloys.

## DIFFERENTIATION IN THE RANGE

Norton offers the industry's widest selection of coated abrasives to meet every customer requirement. The wide range of abrasive types used in the range are classified into 3 tiers by product shape (Best/ Better/ Good) to help you choose the right product for your specific application.

**BEST +++++**  
INNOVATION

Using unparalleled abrasive technology, and extremely high performance abrasive grains, Norton provides innovative product solutions dedicated to improving productivity in all industrial applications

**BEST +++++**

These technologically advanced products meet the demands of the most discerning user giving the highest productivity and the longest product life for the lowest operating costs

**BETTER ++++**

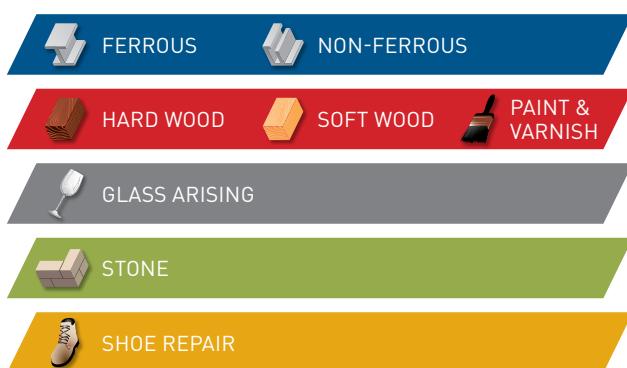
The core of the Norton Coated Abrasive offering. These products are designed to give superior performance solutions in all abrasive applications, giving high productivity levels and low total abrasive costs

**GOOD +++**

Standard Norton products that give highly durable solutions with good performance levels

## PRODUCT SELECTION GUIDE

Norton offers a diverse range of products that are suitable for all commonly encountered industrial applications. To enable more effective product selection an overview of appropriate products for the main applications is given in the following pages. Pictograms and colours are used to represent the applications and these are repeated with the product details in the main section.



For further information please go to the Technical Information Section at the back of this catalogue.

# PRODUCT AVAILABILITY TABLE

Key: Grit availability

<span style="background-color: #00AEEF; border: 1px solid black; padding: 2px 5px;"></span>	Standard Norton products
<span style="background-color: #B0C4DE; border: 1px solid black; padding: 2px 5px;"></span>	Generic backprint
<span style="background-color: #FF0000; border: 1px solid black; padding: 2px 5px;"></span>	Cancelled - stock will not be replenished
<span style="background-color: #B0E0E6; border: 1px solid black; padding: 2px 5px;"></span>	Planned

Key: Shape availability

<span style="background-color: #B0C4DE; border: 1px solid black; padding: 2px 5px;"></span>	Available also in Norgrip	<span style="background-color: #B0C4DE; border: 1px solid black; padding: 2px 5px;"></span>	Standard availability
<span style="background-color: #00AEEF; border: 1px solid black; padding: 2px 5px;"></span>	Soft-Touch	<span style="background-color: #B0C4DE; border: 1px solid black; padding: 2px 5px;"></span>	Specific availability (BSG only, P600 only, stock only)
<span style="background-color: #B0C4DE; border: 1px solid black; padding: 2px 5px;"></span>	No BFL	<span style="background-color: #B0C4DE; border: 1px solid black; padding: 2px 5px;"></span>	Restricted availability (no BFL)
<span style="background-color: #B0C4DE; border: 1px solid black; padding: 2px 5px;"></span>	FW	<span style="background-color: #B0C4DE; border: 1px solid black; padding: 2px 5px;"></span>	Available only in full jumbo width

## A,B,C WEIGHT PAPER PRODUCTS

PRODUCT CODE	BACKING	ABRASIVE	PRODUCT COLOUR	BOND	COMMENTS	USEABLE WIDTH (mm)	GRIT SIZE										
							NO GRIT	5μ-3000	8μ-2500	10μ-2000	12μ-1500	16μ-1200	1000	800	600	500	
A213	B/C	A0	Beige	UF/UF	P36 to P80 with C-wt	Sheets											
A233F	B/C	A0	Beige	UF/UF	No fil treatment with FSC paper. Availability in June 2013.	Sheets											+
A255	B	A0	Brown	UF/UF	Non stearate No Fil												N
A275	B/C	A0	Brown	UF/UF	No Fil, P80 to P120 in C-wt	1400				S	S	S	N/S	N/S	N/S	N/S	N/S
A975	B/C	SG/A0	Blue	UF/UF	No Fil, P80 to P120 in C-Weight. Finer in B-Weight	1400							N/S	N/S	N/S	N/S	N/S
A726	C	Flint	Beige	G/G	Special flint grading	Stock sheets											
A296	B	A0	Yellow	UF/UF	No Fil	1400											

## WATERPROOF PAPER PRODUCTS

PRODUCT CODE	BACKING	ABRASIVE	PRODUCT COLOUR	BOND	COMMENTS	USEABLE WIDTH (mm)	GRIT SIZE										
							4,000	5μ-3000	8μ-2500	10μ-2000	12μ-1500	16μ-1200	1000	800	600	500	
T221	C	A0	Black	PF/PF		Stock sheets											
T489	B/C	SIC	Black	PF/PF	P60 to P150 in C-wt	Stock sheets											
T417	B/C	SIC	Black	PF/PF	P60 to P150 in C-wt	Stock sheets											
T401	A	SIC	Black	V/PF		Stock only											
L41PC	C	SIC	Black		C-wt	482											
T278	B/C	A0	Black	PF/PF	P60 to P150 in C-wt	Stock sheets											

GRIT SIZE																			SHAPE AVAILABILITY					
280	240	220	180	150	120	100	80	60	50	40	36	30	24	20	16	PRODUCT CODE	BELTS W≤ 400MM	BELTS W> 400mm	DISCS	STD SHEETS	OTHER SHEETS	ROLLS		
																A213				Stock			FW	
		+ +														A233F				Stock			FW	
																A255								
N/S	N/S	N/S	N/S	N/S	N/S	N/S	N	N								A275			N/S	Stock	N	FW/Rotolo		
N	N	N	N	N	N	N	N									A975			N/S		N	FW		
				3/0	2/0	0	1	2	3	4	5	6				A726			Stock					
																A296			Stock			Rotolo		

GRIT SIZE																			SHAPE AVAILABILITY					
280	240	220	180	150	120	100	80	60	50	40	36	30	24	20	PRODUCT CODE	BELTS W≤ 400MM	BELTS W> 400mm	DISCS	STD SHEETS	OTHER SHEETS	ROLLS			
																T221				Stock			FW	
																T489				Stock			FW	
																T417				Stock				
																T401				Stock				
																L41PC				Stock			FW	
																T278				Stock				

## E AND F WEIGHT PAPER PRODUCTS

PRODUCT CODE	BACKING	ABRASIVE	PRODUCT COLOUR	BOND	COMMENTS	USEABLE WIDTH (mm)	GRIT SIZE										
							NO GRIT	5µ-3000	8µ-2500	10µ-2000	12µ-1500	16µ-1200	1000	800	600	500	
G156	E*	A0	Green	UF/UF		1400											
A277	E*	A0	Salmon	UF/UF	No Fil	1400											
G131F	E*	A0	Yellow	UF/G	FSC paper	1400											
G133F	B /C	A0	Yellow	UF/G	FSC paper	1380											
H216	E*	A0	Brown	UF/G		1400											N
H259	F	A0	Maroon	PF/PF	Antistatic, open coat	1420											
H231	F+	A0	Maroon	PF/PF	Antistatic, open coat	1420											N
H230	F+	A0	Maroon	PF/PF	Antistatic, open coat	1420											
H425	E,F	SIC	Black	UF, PF 240+f 220+C PF	Open coat	1420							N	N	N	N	
H835 Blue Fire	F	NZ/A0	Blue	PF/PF	Open coat	1420											
H822	F+	NZ	Blue	PF/PF	Closed coat	1420											

E\* = 185gr   F+ = 270gr

## FILM PRODUCTS

PRODUCT CODE	BACKING	ABRASIVE	PRODUCT COLOUR	BOND	COMMENTS	USEABLE WIDTH (mm)	GRIT SIZE												
							1µ	1.5µ	3µ	5µ	6µ	7µ	8µ-2000	9µ	10µ-1500	12µ-1500	15µ-1200	18µ-1000	19µ-1000
Q333	Polyester Film 125my (grit 60 to 120) / Polyester Film 100my (grit 150 to 2000)	A0 white	Blue	RESIN over RESIN water based	No-Fil. Available June 2013	400													
Q351R	5mil film	A0 white	Coloured by grit	New high performance resin	Rough Backcoat	325													
Q351S	5mil film	A0 white	Coloured by grit	New high performance resin	Smooth Backcoat	325													
Q151	5mil film	A0 white	White	UV	Rough Backcoat	325													
Q153	5mil film	A0 white	White	UV	Rough Backcoat	325													
Q260 Dry Ice	3mil film	A0 white	White	UV	Nofil	Stock only									N	N	N	N	
L61F3	3mil film	Diamond	Coloured by grit		Lapping film	330													
L67F3	3mil film	Diamond	Coloured by grit		Lapping film	330													
M631	3mil film	Nanozyte Diamond	Tan		Lapping film Nanozyte	325													
L12F3	3mil film	A0 white	Coloured by grit		Lapping film	330													
L41F3	3mil film	SIC	Gray	UV	Lapping film	330													
Q135	3mil film	A0 white	Coloured by grit	UV	Ophthalmic markets	330													
Q361	3mil film	A0 white	Coloured by grit		Ophthalmic markets	330													

	280	240	220	180	150	120	100	80	60	50	40	36	30	24	20	16	PRODUCT CODE	GRIT SIZE		SHAPE AVAILABILITY				
																	BELTS W≤ 400MM	BELTS W> 400mm	DISCS	STD SHEETS	OTHER SHEETS	ROLLS		
					N	N	N									G156								
																A277		BWD					FW	
			N		N	N	N	N	N	N						G131F							FW	
																G133F							FW	
	N	N	N	N	N	N	N	N	N	N	N	N				H216								
																H259		BWD						
	N	N	N	N	N	N	N	N	N	N	N	N				H231							Norgrip in FW	
																H230							FW	
		N	N			N	N	N	N	N	N	N	N	N		H425		BWD					FW	
						N	N	N	N	N	N					H835 Blue Fire							FW	
																H822							FW	

	22μ-800	25μ-600	30μ-500	35μ-400	40μ	45μ	46μ-320	50μ	53μ-280	59μ-240	60μ-220	73μ-180	75μ	80μ	90μ-150	100μ	110μ-120	180μ-80	PRODUCT CODE	GRIT SIZE		SHAPE AVAILABILITY				
																			BELTS W≤ 400MM	BELTS W> 400mm	DISCS	STD SHEETS	OTHER SHEETS	ROLLS		
																			Q333							
																			Q351R							
																			Q351S							
																			Q151							
																			Q153							
																			Q260 Dry Ice							
																			L61F3						Rolls 101 & 203mm	
																			L67F3						Rolls 101 & 203mm	
																			M631							
																			L12F3							
																			L41F3						Rolls 101 & 203mm	
																			Q135							
																			Q361							

## FIBRE AND SCREENBACK PRODUCTS

PRODUCT CODE	BACKING	ABRASIVE	PRODUCT COLOUR	BOND	COMMENTS	USEABLE WIDTH (mm)	GRIT SIZE							
							NO GRIT	5µ-3000	8µ-2500	10µ-2000	12µ-1500	16µ-1200	1000	800
F100	0,6/0,8	AO	Marron	PF/PF	P16 to P50 in 0,8									
F228	0,6/0,8	AO	Marron	PF/PF	P24 to P36 in 0,8									
F293	0,8	AO	Maroon	PF/PF										
F425	0,8	SIC	Black	PF/PF										
F827	0,8	NZ/AO	Blue	PF/PF										
F975	0,8	SG	Green	PF/PF										
FX21 Red Dragon	0,8	SG	Red	PF/PF	Supersize									
F996 Quantum	0,8	SG	Red	PF/PF	Supersize									
Q421	Grid	SIC	Black	PF/PF	Screenbak	1150								
Q263	Grid (fine)	AO	Green	PF/PF	Screenbak									

## COTTON CLOTH PRODUCTS

PRODUCT CODE	BACKING	ABRASIVE	PRODUCT COLOUR	BOND	COMMENTS	USEABLE WIDTH (mm)	GRIT SIZE							
							NO GRIT	5µ-3000	8µ-2500	10µ-2000	12µ-1500	16µ-1200	1000	800
K625	J light	Emery	Black	G/G	'Emery cloth'	Stock sheets								
R202	J cotton	AO	Maroon	PF/PF		1400								
R212	J cotton	AO	Black	UF	Handy rolls	1400								
R222	J cotton	AO	Maroon	PF/PF	Handy rolls	1150								
R230	X cotton	AO	Maroon	PF/PF		1500								
R265	X cotton	AO	Maroon	PF/PF		1500								
R207	X cotton	AO	Maroon	PF/PF	Flap wheel only	1500								
R287	J cotton	AO	Maroon	PF/PF		1400								
R380	J cotton	AO	Maroon	PF/PF	GEN	1400								
R296	JJ cotton	SG/AO	Green	PF/PF	Supersize	1200								
R376	JJ cotton	AO	Green	PF/PF	Special stainless steel	1400								
R309	JJ cotton	AO	Red / Brown	PF/PF		1400								
R423	J cotton	Aggreg SIC	Black	PF/PF	Closed coat	1400								
R426	JJ cotton	SIC	Black	PF/PF	Special brass and non ferrous metals	1400								
R427	X cotton	SIC	Black	PF/PF		1400								
R822	X cotton	NZ/AO	Blue	PF/PF		1500								
R82A	X cotton	A0/NZ	Blue	PF/PF	Belt/Flap disc	1500								
R82B	X cotton	A0/NZ	Blue	PF/PF	Flap Disc	1500								
R926	X cotton	SG/AO	Red	PF/PF	Supersize	1500								
RX22	X cotton	Delta/AO	Green	PF/PF		1500								
U242	J cotton	A/O	Grey	UV	NORaX fine tri-helical	600		•			•		•	
U243	J Coton Rayon	A/O	Grey	UV	NORaX fine tri-helical	600				X16	X22		X30	X45
U234	XF cotton	A/O	Brown / White	UV	NORaX quad	600				X16			X30	X45
U254	XF cotton	A/O	Brown / White	UV	NORaX pyramid	600	X5			X16	X22		X30	X45
U264	XF cotton	A/O	Brown / White	UV	NORaX tri-helical	600	X5			X16	X22		X30	X45
U464	XF cotton	SIC	Green	UV	NORaX tri-helical	600								

	GRIT SIZE														PRODUCT CODE	SHAPE AVAILABILITY						
	280	240	220	180	150	120	100	80	60	50	40	36	30	24	20	16	BELTS W≤ 400MM	BELTS W> 400mm	DISCS	STD SHEETS	OTHER SHEETS	ROLLS
															F100							
															F228							
															F293							
															F425							
															F827							
															F975							
															FX21 Red Dragon							
															F996 Quantum							
															Q421			Stock				FW
															Q263							

	GRIT SIZE														PRODUCT CODE	SHAPE AVAILABILITY						
	280	240	220	180	150	120	100	80	60	50	40	36	30	24	20	16	BELTS W≤ 400MM	BELTS W> 400mm	DISCS	STD SHEETS	OTHER SHEETS	ROLLS
															K625			Stock				
															R202							
															R212			Stock				FW
															R222	P600		Stock				FW
															R230		BWD					
															R265		BWD					
															R207							FW
															R287							
															R380							FW
															R296							
															R376							
															R309							
															R423							FW
															R426							
															R427		BWD					
															R822		BWD					FW
															R82A	DIY						
															R82B							
															R926							
															RX22							FW
															U242							
	X65	X80													U243							
	X65	X80	X100												U234							
	X65	X80	X100												U254							
	X65	X80	X100												U264							
	X70	X90	X110												U464							

## POLYESTER CLOTH PRODUCTS (EXCEPT CHIPBOARD)

PRODUCT CODE	BACKING	ABRASIVE	PRODUCT COLOUR	BOND	COMMENTS	USEABLE WIDTH (mm)	GRIT SIZE								
							NO GRIT	5µ-3000	8µ-2500	10µ-2000	12µ-1500	16µ-1200	1000	800	600
R293	X/Y poly	AO	Maroon	PF/PF	P24 to P60 with 10% SG	1500									
R270	Y poly	Aggreg AO	Maroon	PF/PF	Closed coat	1400									
R275	Y poly	Aggreg AO	Maroon	PF/PF	Open coat	1400									
R279	Y poly	Aggreg AO	Maroon		Closed coat strong bond	1400									
R445	X/Y poly	SIC	Black	PF/PF		1400									
R473	Y poly	Aggreg SiC	Maroon	PF/PF		1400									
R817	Y poly	NZ	Blue	PF/PF	Open coat	1500									
R872	Y/X Poly	New NZ	Blue	PF/PF	Blue Force - Open coat	1500									
R874	YY/Y Poly	New NZ	Blue	PF/PF	Blue Force	1500									
R876	YY/Y Poly	New NZ	Blue	PF/PF	Blue Force - Supersize	1500									
R929	X poly	New SG/AO	Green	PF/PF		1500									
R984	Y poly	SG/AO	Maroon	PF/PF		1500									
RX84	Y poly	Delta/AO	Green	PF/PF		1500									
R976 Red-X	Y poly	SG/AO	Red	PF/PF	Supersize	1500									
RX66	Y poly	Delta/AO	Green	PF/PF	Supersize	1500									
R996 Viking	YY/Y Poly	New SG	Red	PF/PF	Supersize	1500									
U366	X poly	AO	Grey	UV	NORaX	600	X5								
U936	Y poly	SG	Grey	UV	NORaX	600		X9	X16					X30	X45
W441	X cotton	SiC/Cork	Black	PF/PF	Waterproof	1400									
W445	Y poly	Cork	Beige	PF/PF	Cork polishing	1320									

## PRODUCTS FOR CHIPBOARD AND OTHER COMBINATIONS

PRODUCT CODE	BACKING	ABRASIVE	PRODUCT COLOUR	BOND	COMMENTS	USEABLE WIDTH (mm)	GRIT SIZE								
							NO GRIT	5µ-3000	8µ-2500	10µ-2000	12µ-1500	16µ-1200	1000	800	600
R490	YY poly	SIC	Black	PF/PF	Antistatic	1440									
S88XL	YY poly	SIC	Black	PF/PF		1400									
S413	Light combi	SIC	Black	PF/G	Open coat	1430									
S422	Light combi	SIC	Black	PF/G	Closed coat	1430									
S490	Heavy combi	SIC	Black	PF/PF	Antistatic	1440									
H490	400g paper	SIC	Black	PF/PF	Antistatic	1440									

	GRIT SIZE														PRODUCT CODE	SHAPE AVAILABILITY									
	280	240	220	180	150	120	100	80	60	50	40	36	30	24	20	16	BELTS W≤ 400MM	BELTS W> 400mm	DISCS	STD SHEETS	OTHER SHEETS	ROLLS			
																R293									
																R270									FW
																R275									FW
																R279									
																R445									
																R473									FW
																R817									
																R872									
																R874									
																R876									
																R929									
																R984									
																RX84									
																R976 Red-X									
																RX66									
																R996 Viking	No BFL								
X65																U366		BWD							
																U936									
																W441									
																W445									

	GRIT SIZE														PRODUCT CODE	SHAPE AVAILABILITY									
	280	240	220	180	150	120	100	80	60	50	40	36	30	24	20	16	BELTS W≤ 400MM	BELTS W> 400mm	DISCS	STD SHEETS	OTHER SHEETS	ROLLS			
																R490		BSG							FW
																S88XL		BWD							FW
																N		BSG							Norgrip in FW
																N		BWD							
																S413									
																S422									
																S490		BSG							FW
																H490									FW

# INTRODUCTION TO BEARTEX NON-WOVEN PRODUCTS

Beartex consists of a backing in "non-woven" nylon fibers evenly impregnated with abrasive granules through the binding action of synthetic resins. This structure forms a "three-dimensional" abrasive material. Since this product was created as a finishing tool for operations where no material need be removed, it is particularly suitable for buffing-up purposes or to reduce the roughness of a surface: BearTex begins to act when other abrasive tools have terminated their work. In all those situations where a buffering, cleaning or finishing operation is required, the BearTex product is decidedly a must.

## UNDERSTANDING THE PRODUCT

Flat stock Aluminium oxide Very fine	F	2	5	04
MARKETING CAP CODE FAMILY	TYPE OF MATERIAL	GRAIN	GRADE	INTERNAL DIFFERENTIATION
Flat stock	F	0 - No grain	0 - No grit	Consecutive numbers used for internal differentiation
Utilized/Unified	U	1 - A/O white	1 - Extra coarse	
Rapid strip	R	<b>2 - A/O brown</b>	2 - Coarse	
Surface conditioning/ Blending	S	4 - S/C	3 - Medium	
Convolute	C	5 - Garnet	4 - Fine	
Floor maintenance	JF		<b>5 - Very fine</b>	
			6 - Ultra fine	
			7 - Super fine	
			8 - Micro fine	

### USED WET OR DRY, BEARTEX PRODUCTS OFFER THE FOLLOWING ADVANTAGES:

- A predictably consistent, uniform finish
- Minimum smearing and discolouration of the work-piece as heat is dissipated through the open mesh of the product
- Increased productivity through savings in time
- Ability to automate operations
- Reduced operator training
- Less maintenance required
- Greater safety than other methods
- Conformability to irregular surfaces

These advantages make Beartex products an excellent alternative to bristle brushes, set-up wheels, greaseless compounds, and steel wool. Operators quickly learn the techniques of using Beartex products to produce eye catching finishes.

### BEARTEX PRODUCTS CAN BE USED ON A WIDE VARIETY OF SURFACES

- Aluminium
- Brass
- Copper
- Nickel
- Chromium
- Stainless Steel
- Zinc
- Titanium
- Tantalum
- Ceramics
- Glass
- Plastic
- Fibreglass
- Wood
- Plywood

### APPLICATIONS INCLUDE

- Deburring
- Cleaning
- Scrubbing
- Blending
- Polishing
- Highlighting
- Defuzzing plywood
- Dulling laminates
- Imparting satin
- Decorative finishes
- Scouring
- Deflashing plastics
- Removing raised wood fibres

## APPLICATION / GRIT RECOMMENDATION

	COARSE (GRINDING)						FINE (FINISHING)					
Grit	24	30	36	40	50	60	80	100	120	150-180	180-320 +	
Cutting-off & grinding wheels		Cutting-off										
	Heavy Duty Grinding											
	Stock Removal											
Coated abrasives	Blending & Refining						Deburring					
							Surface Preparation & Cleaning					
BearTex									Finishing			
									Coarse	Medium	Very Fine	

## ABRASIVE TYPES

**BEARTEX** products are manufactured utilising either silicon carbide or aluminium oxide abrasive grain. These are the same high quality abrasives used in Norton's world famous coated abrasive products.

**SILICON CARBIDE** is a hard, sharp, brittle abrasive grain which tends to break down under pressure. Therefore silicon carbide items are sharper, tend to cut faster and produce finer scratch patterns on most surfaces.

**ALUMINIUM OXIDE** is a tough, blocky abrasive which does not tend to break down. Aluminium oxide is more durable than silicon carbide and tends to last longer, produce less discolouration on aluminium, and be more aggressive on certain applications such as hardened steel parts.

## GRIT SIZE

The 'grit' refers to the particle size of the abrasive grain that is impregnated into the nylon web during manufacture.

Use of large particles result in a Beartex product that acts more aggressively and produces a coarse surface finish. Small size particles result in a Beartex product that produces fine surface finishes.

## DENSITY

The 'density' refers to the number of fibres which have been compressed onto the nylon web material. Most Beartex products are made in a single density designed to meet the requirements of the intended application. However, several wheel items offer two densities to provide a broader range of finishing results.

Under identical conditions, 'hard' density wheels cut faster, last longer and produce finer finishes than medium density wheels. 'medium' density wheels offer greater conformability and less tendency to load the workface.

## BOND TYPES

Waterproof resins are used throughout the manufacture of Beartex web material to bond the nylon fibres together and to firmly anchor the abrasive grains throughout the web.

## NOTES

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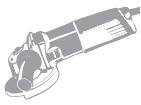
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## FIBRE DISCS

From rapid weld grinding to blending and finishing, Norton has a complete range of high performance fibre discs available in premium performance Norton SG ceramic aluminium oxide, zirconia alumina, and aluminium oxide abrasives. All fibre discs in the Norton range feature a full resin bond system with heavy duty fibre backing for increased strength, durability and tear resistance.

### APPLICATIONS & MARKETS

- Material removal
- Weld grinding & blending
- Light deburring & finishing
- Car manufacturing
- Metal fabrication
- Welding & foundry markets
- Transport markets



### FIBRE DISCS

#### BLAZE FIBRE DISCS F980

BEST INNOVATION

**BLAZE**



#### FEATURES

- New SG ceramic abrasive
- Supersize grinding aid
- Improved resin bond system
- 0.84/0.80mm improved fibre backing

#### BENEFITS

- Exceptionally high performance
- High material removal even at low pressure
- Generates an excellent surface finish
- Improved grain retention for longer life
- Exceptionally long life and durability

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
100 x 16	24	25	F980	66261053168	662610531680
	36	25	F980	66261053170	662610531703
	50	25	F980	66261085524	662610855243
	60	25	F980	66261062965	662610629653
	80	25	F980	66261062966	662610629660
	120	25	F980	66254436181	662544361810
115 x 22	24	25	F980	69957398000	699573980002
	36	25	F980	69957398001	699573980019
	50	25	F980	69957398002	699573980026
	60	25	F980	69957398003	699573980033
	80	25	F980	69957398004	699573980040
	120	25	F980	66254425332	662544253320

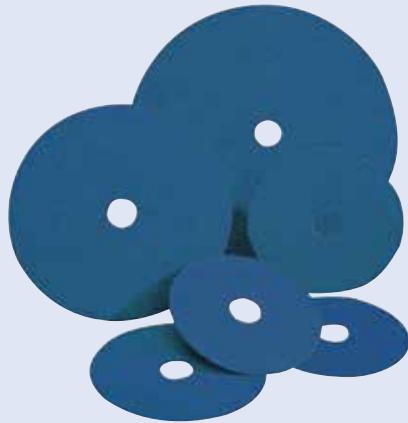
DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
125 x 22	24	25	F980	69957398005	699573980057
	36	25	F980	69957398006	699573980064
	50	25	F980	69957398007	699573980071
	60	25	F980	69957398008	699573980088
	80	25	F980	69957398009	699573980095
	120	25	F980	66254409084	662544090840
178 x 22	24	25	F980	69957398010	699573980101
	36	25	F980	69957398011	699573980118
	50	25	F980	69957398012	699573980125
	60	25	F980	69957398013	699573980132
	80	25	F980	69957398014	699573980149
	120	25	F980	66254411528	662544115284

## FIBRE DISCS

### NORZON FIBRE DISCS F827

BETTER + + + +

**NorZon**<sup>®</sup>



#### FEATURES

- Norzon abrasive
- 0.8mm fibre backing

#### BENEFITS

- General purpose
- Ideal for grinding, shaping, blending, edge breaking & weld
- High & regular cut rate
- Good for high metal removal in a short time
- Excellent price-performance ratio

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
100 x 16	24	25	F827	63642531831	9310357205708
	36	25	F827	63642531839	9310357205692
	60	25	F827	66261061296	9310357206774
115 x 22	24	25	F827	63642533048	9310357206729
	36	25	F827	66261061298	9310357206736
	60	25	F827	63642560658	9310357206781
125 x 22	24	25	F827	66261176682	9310357258612
	36	25	F827	63642539602	9310357206743
	60	25	F827	66261176659	9310357206798
178 x 22	24	25	F827	66261061165	9310357202202
	36	25	F827	66261061166	9310357202219
	60	25	F827	66261061167	9310357202226

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
115 x 22	24	25	F827	69957360048	3157620306832
	36	25	F827	63642539615	3157620306849
	60	25	F827	63642539616	3157620306863
	80	25	F827	63642539617	3157620306870
	120	25	F827	63642533055	3157620306825
125 x 22	24	25	F827	63642539619	3157620306962
	36	25	F827	63642536483	3157620306979
	60	25	F827	69957360057	3157620306993
	80	25	F827	63642539622	3157620307006
	120	25	F827	63642533056	3157620307020
178 x 22	36	25	F827	63642533063	3157620307334
	60	25	F827	63642533065	3157620307358
	80	25	F827	63642533066	3157620307365
	120	25	F827	63642533068	3157620307389

### NORTON BACKING PADS

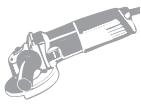
#### ACCESSORIES



#### Turbo Back-up pad

With ribbed surface to draw heat away from the grinding zone, and produce a more aggressive cutting action whilst reducing disc loading and increasing life of the fibre disc.

DIA (MM)	THREAD	PK QTY	PRODUCT CODE	BARCODE
102	M10 - 1.5	1	66623320033	9310357260356
115	M14 - 2.0	1	66623320034	9310357260363
125	M14 - 2.0	1	66623320048	9310357706250
178	M14 - 2.0	1	66623320049	9310357706243



## FIBRE DISCS

### ALUMINIUM OXIDE FIBRE DISCS F226

GOOD



#### FEATURES

- Tough versatile aluminium oxide abrasive
- 0.8mm fibre backing
- Grinding additives

#### BENEFITS

- Versatile product (ideal for steel and metal alloys)
- Ideal for general purpose applications
- Good performance on steel

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
100 x 16	16	25	F226	66623320424	9310357201960
	24	25	F226	66623320440	9310357201977
	36	25	F226	66623320436	9310357201984
	50	25	F226	66623320428	9310357201991
	60	25	F226	66623320432	9310357202004
	80	25	F226	66623320420	9310357202011
	100	25	F226	66623320422	9310357202028
	120	25	F226	66623320448	9310357202035
115 x 22	24	25	F226	66623320439	9310357205715
	36	25	F226	66623320435	9310357206880
	50	25	F226	66623320427	9310357206910
	60	25	F226	66623320431	9310357206927
	80	25	F226	66623320419	9310357206958
	100	25	F226	66623320451	
	120	25	F226	66623320446	9310357206842

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
125 x 22	16	25	F226	66623320447	9310357202042
	24	25	F226	66623320438	9310357202059
	36	25	F226	66623320434	9310357202066
	50	25	F226	66623320426	9310357202073
	60	25	F226	66623320430	9310357202080
	80	25	F226	66623320423	9310357202097
	100	25	F226	66623320421	9310357202103
	120	25	F226	66623320416	9310357202110
178 x 22	16	25	F226	66623320441	9310357202127
	24	25	F226	66623320437	9310357202134
	36	25	F226	66623320433	9310357202141
	50	25	F226	66623320425	9310357202158
	60	25	F226	66623320429	9310357202165
	80	25	F226	66623320418	9310357202172
	100	25	F226	66623320415	9310357202189
	120	25	F226	66623320417	9310357202196
	24	1000	F228	66623320704	9310357262329
	36	1000	F228	66623320705	9310357262312

## NORTON BACKING PADS

## ACCESSORIES



#### Standard Back-up pad

A moulded plastic with a smooth face this medium density pad is designed for all-purpose grinding and sanding applications offering mild flexibility for blending of the contoured surface.

DIA (MM)	THREAD	PK QTY	PRODUCT CODE	BARCODE
100	M10 - 1.5	1	66623320044	9310357706199
115	M14 - 2.0	1	66623320045	9310357706212
125	M14 - 2.0	1	66623320046	9310357706229
178	M14 - 2.0	1	66623320047	9310357706236

# FLAP DISCS

Flap discs are engineered for multiple applications including light stock removal, blending and finishing, meaning they can help reduce processing times and lower costs. Flap discs have a fast cut and provide a better finish than fibre while having the added benefit of a longer life.

## APPLICATIONS & MARKETS

- Stock removal
- Edge chamfering
- Deburring
- Rust/paint removal
- Cleaning & finishing
- Grinding & blending welds



### FLAP DISCS



TYPE 29 CONICAL

BLAZE R980

BEST +++++ INNOVATION

**BLAZE**



#### FEATURES

- Latest generation ceramic alumina abrasive grain
- Y-weight polyester backing
- New resin system for high grain retention
- 3rd layer supersize treatment

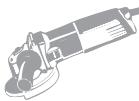
#### BENEFITS

- Very aggressive and consistent cut rate
- High and fast stock removal
- Maximum and long lasting performance
- Advanced cooling system

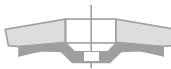
DIM DIA x H [MM]	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
100 x 16	40	10	R980P	66254412097	662544120974
	60	10	R980P	66261193211	662611932110
	80	10	R980P	66254412098	662544120981
115 x 22	40	10	R980P	66261183487	662611834872
	60	10	R980P	66261183488	662611834889
	80	10	R980P	66261183489	662611834896

DIM DIA x H [MM]	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
125 x 22	40	10	R980P	66261190002	662611900027
	60	10	R980P	66261190003	662611900034
	80	10	R980P	66261190004	662611900041
178 x 22	40	10	R980P	66261183495	662611834957
	60	10	R980P	66261183496	662611834964
	80	10	R980P	66261183497	662611834971





## FLAP DISCS



TYPE 29 CONICAL

### MEGA-LINE TWIN POWER R929/R828

BEST +++++

**flexOvit®** *Mega-Line  
Twin Power*



#### FEATURES

- Premium SG ceramic aluminium oxide & zirconia alumina abrasive blend
- Heavy cotton cloth
- High content of active filler
- Fibreglass backing

#### BENEFITS

- Aggressive stock removal with less pressure
- Increased performance on steel

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
125 x 22	40	5	R929 R828	69957348113	9314188130079
	60	5		69957348115	9314188130086

### MEGA-LINE BLUE R828

BETTER +++

**flexOvit®** *Mega-Line  
Blue*



#### FEATURES

- 100% high performance zirconia alumina abrasive grain
- Specifically engineered heavy cloth optimized for controlled wear characteristics
- Durable innovative bond system

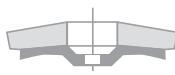
#### BENEFITS

- Fast and consistent cut
- Best for mid/heavy duty application
- Increased life time and cut renewal
- Low vibration

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
100 x 16	40	10	R828	63642582376	9314188380016
	60	10	R828	63642582370	9314188380054
	80	10	R828	63642582377	9314188380092
	120	10	R828	66261039197	9314188380146
115 x 22	40	10	R828	66261039206	9314188380535
	60	10	R828	66261039219	9314188380573
	80	10	R828	66261039220	9314188380610
	120	10	R828	66261039221	9314188380665

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
125 x 22	40	10	R828	66261039207	9314188381549
	60	10	R828	66261039225	9314188381587
	80	10	R828	66261039226	9314188381624
	120	10	R828	66261039227	9314188381679
180 x 22	40	10	R828	66261039222	9314188381020
	60	10	R828	66261039223	9314188381068
	80	10	R828	66261039224	9314188381105
	120	10	R828	66261039285	9314188381150

## FLAP DISCS



TYPE 29 CONICAL

NORLINE R842

BETTER +++++

**NORLINE**  
HIGH PERFORMANCE



### FEATURES

- High performance Norzon zirconia alumina abrasive grain
- Heavy cotton cloth
- Fibreglass backing

### BENEFITS

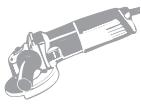
- Good stock removal

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
100 x 16	40	5	R842	77696088177	3157629579565
	60	5	R842	77696088176	3157629579558
	80	5	R842	77696088178	3157629579572
	120	5	R842	63642580352	3157629630037
115 x 22	40	5	R842	77696088179	3157629579589
	60	5	R842	77696088180	3157629579596
	80	5	R842	77696088181	3157629579602
	120	5	R842	63642580353	3157629630044

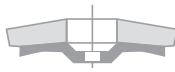
DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
125 x 22	40	5	R842	77696088184	3157629579619
	60	5	R842	77696088185	3157629579626
	80	5	R842	77696088186	3157629579633
	120	5	R842	63642580356	3157629630051
180 x 22	40	5	R842	63642580358	3157629630068
	60	5	R842	63642580360	3157629630075
	80	5	R842	63642580364	3157629630082
	120	5	R842	63642580367	3157629630099

## PRODUCT SELECTION GUIDE

MATERIAL	BEST +++++ INNOVATION	BEST +++++	BETTER +++	GOOD ++
Heat sensitive alloys / High strength steel / Hard to grind metals	Blaze	Mega Line Twin	Mega Line Blue/ Norline	
Stainless steel	Blaze	Mega Line Twin	Mega Line Blue/ Norline	
Carbon steel		Mega Line Twin	Mega Line Blue/ Norline	Aluminium Oxide
Aluminium / Cast iron / Bronze / Copper / Composite			Norline	Aluminium Oxide
Wood / Paint				Aluminium Oxide
THIN WHEEL EQUIVALENT QUALITY	Flexovit Maxx	Flexovit	Industrial line	
MACHINE	High power (more than 1000 Watts)		Low power (less than 1000 Watts)	



## FLAP DISCS



TYPE 29 CONICAL

ALUMINIUM OXIDE R265

GOOD +++

**flexOvit®**



### FEATURES

- Durable aluminium oxide abrasive grain
- Heavy cotton cloth
- Double flap disc construction
- Fibreglass backing

### BENEFITS

- Fast initial cut rate especially on carbon steel

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
100 x 16	40	10	R265	66261039200	9314188396024
	60	10	R265	66261039201	9314188396062
	80	10	R265	66261039202	9314188396109
	120	10	R265	66261039203	9314188396147
115 x 22	40	10	R265	66261039235	9314188396307
	60	10	R265	66261039236	9314188396345
	80	10	R265	66261039249	9314188396383

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
125 x 22	40	10	R265	66261039254	9314188396826
	60	10	R265	66261039252	9314188396864
	80	10	R265	66261039250	9314188396901
	120	10	R265	66261039268	9314188396949
180 x 22	40	10	R265	66261039253	9314188396642
	60	10	R265	66261039251	9314188396680
	80	10	R265	66261039101	9314188396727
	120	10	R265	66261039327	9314188396765

### SPEC CHECK



- For an equivalent finish, always use a flap disc one grit size coarser than with a fibre disc
- Conical flap discs are designed to be used at an angle of 15-25°

### MAXIMUM OPERATING SPEED



DIA (mm)	MOS (m/s)	MAX RPM
100x16	80	15,500
115x22	80	13,300
125x22	80	12,200
180x22	80	8,600



# SEMI-FLEXIBLE (ZEC) DISCS

Semi-flexible discs are made by coating heavy duty fibre with multiple layers of a special resin bonded abrasive. They can be used in a wide range of applications instead of depressed centre grinding wheels.

## APPLICATIONS & MARKETS

- Grinding welds
- Derusting large surfaces
- Cleaning hulls of ships & boats



## SEMI-FLEXIBLE (ZEC) DISCS

### SEMI-FLEXIBLE DISCS

GOOD

**flexOvit®**



#### FEATURES

- High concentration of sharp silicon carbide abrasive
- Unique disc pattern
- Convex shape

#### BENEFITS

- For use on marble, granite, concrete, fibreglass & cast iron
- For heavy duty industrial applications
- Resists loading
- Cooler work area

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
102 x 16	16	5	Q400	66623322058	9314188231028
	24	5	Q400	66623322059	9314188231066
	36	5	Q400	66623322060	9314188231103
115 x 22	16	5	Q400	66623322064	9314188231233
	24	5	Q400	66623322065	9314188231271
	36	5	Q400	66623322066	9314188231318
125 x 22	16	5	Q400	66623322070	9314188231400
	24	5	Q400	66623322071	9314188231448
	36	5	Q400	66623322072	9314188231486
180 x 22	16	5	Q400	66623322076	9314188231547
	24	5	Q400	66623322077	9314188231585
	36	5	Q400	66623322078	9314188231622

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
102 x 16	24	1	Q400	66623322057*	9314188004493
	36	1	Q400	66623322055*	9314188004509
	50	1	Q400	66623322056*	9314188004516
115 x 22	60	1	Q400	66623322063*	9314188004523
	80	1	Q400	66623322061*	9314188004530
	120	1	Q400	66623322062*	9314188004547
125 x 22	24	1	Q400	66623322069*	9314188004554
	36	1	Q400	66623322067*	9314188004561
	50	1	Q400	66623322068*	9314100884578
180 x 22	60	1	Q400	66623322075*	9314188134930
	80	1	Q400	66623322073*	9314188134947
	120	1	Q400	66623322074*	9314188134954

\* Retail packaged item

### ZEC DISC BACK-UP PADS

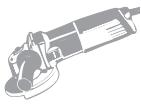
### ACCESSORIES



#### ZEC disc back-up pad

Zec backing pads are specifically designed for Zec discs to deliver greater support to the abrasive and keep the Zec disc cooler when grinding

DIA (MM)	THREAD	PK QTY	PRODUCT CODE	BARCODE
100 mm ZEC Disc Support Pad		1	66623320044	9310357706199
115/125 mm ZEC Back-Up Pad		1	66623322079	9314188002406
180 mm ZEC Disc Support Pad		1	66623322080	9314188083009
180 mm ZEC Back-Up Pad		1	66623322082	9314188134954



## RAPID STRIP & RAPID BLEND

### R9101 BLAZE RAPID STRIP DISCS

BEST INNOVATION



#### FEATURES

- Heavy coating of Norton SG Blaze ceramic alumina long-lasting grain and advanced resin bond
- Open structure

#### BENEFITS

- Lasts 2x longer than competitive products
- Does not shed on rust-encrusted pieces, or load on soft metals
- Lighter pressure will finish similar to a medium grit surface conditioning disc; additional pressure will remove material (strip and clean)
- Less downtime, and less production waste/landfill

DIM DIA x B (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
100 x 16	Coarse	10	R9101	63642509505	636425095057
115 x 22	Coarse	10	R9101	66623303783	3157629408872

DIM DIA x B (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
125 x 22	Coarse	10	R9101	66623303916	3157629408896
180 x 22	Coarse	10	R9101	66623303920	3157629408902

### R4101 RAPID STRIP DISCS

GOOD



#### FEATURES

- Open web construction
- Conformable
- Thick, strong, synthetic fibres & extra coarse grit
- NEW R4101 H with harder density

#### BENEFITS

- Fast cutting action with very little loading
- Easy cleaning of uneven surfaces
- Long life

DIM DIA x B (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
100 x 16	Coarse	5	R4101	66261030651	662610306516
115 x 22	Coarse	5	R4101	66261009649	662610096493

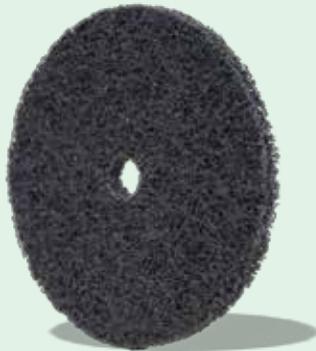
DIM DIA x B (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
125 x 22	Coarse	5	R4101	66261030655	662610306554
180 x 22	Coarse	5	R4101	66261009586	662610095861



## RAPID STRIP & RAPID BLEND

### R4101 RAPID STRIP DISCS

GOOD +++



#### FEATURES

- Open web construction
- Conformable
- Thick, strong, synthetic fibres & extra coarse grit
- Used with portable tools

#### BENEFITS

- Fast cutting action with very little loading
- Easy cleaning of uneven surfaces
- Quick cleaning & conditioning of surfaces
- Easy & safe to use especially in difficult to reach areas

DIM DIA x B (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
100 x 16	Coarse	5	R4101	66261016412	9310357227830
180 x 22	Coarse	5	R4101	66261010021	9310357227847

### VORTEX RAPID BLEND DISCS

BETTER ++++



#### FEATURES

- High performance engineered grain
- Thick nylon web
- No need to change power tools
- Undersized backing plate

#### BENEFITS

- Aggressive, fast stock removal, reduced cycle times and increased part quality
- Longer life and more parts per disc
- Resists loading
- Can be used in place of, or in sequence with, fibre and flap discs for improved part quality
- Longer useable diameter

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
115 x 22	MEDIUM	10	U23051	66254429268	3157629326224
125 x 22	MEDIUM	10	U23051	66254496323*	3157629422175

\*Available on request



## RAPID STRIP & RAPID BLEND

### VORTEX RAPID BLEND DISCS

BETTER

**VORTEX®**  
RAPID BLEND



#### FEATURES

- High performance engineered grain
- Thick nylon web
- No need to change power tools
- Undersized backing plate

#### BENEFITS

- Aggressive, fast stock removal, reduced cycle times and increased part quality
- Longer life and more parts per disc
- Resists loading
- Can be used in place of, or in sequence with, fibre and flap discs for improved part quality
- Longer useable diameter

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
115 x 22	FINE	10	U44011	66261020546	3157629185223
125 x 22	FINE	10	U44011	66254496320*	3157629422168

\*Available on request

### R4101 RAPID BLEND DISCS

GOOD

**Rapid BLEND™**



#### FEATURES

- Open web construction
- Conformable
- Thick, strong, synthetic fibres & extra coarse grit
- Used with portable tools

#### BENEFITS

- Fast cutting action with very little loading
- Easy cleaning of uneven surfaces
- Quick cleaning & conditioning of surfaces
- Easy & safe to use especially in difficult to reach areas

DIM DIA x B (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
125 x 22	Coarse	5	BROWN	66623321829	9310357267355
125 x 22	Medium	5	MAROON	66623321830	9310357267362

DIM DIA x B (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
125 x 22	Very Fine	5	BLUE	66623321831	9310357267379

# SPEEDLOK DISCS

The tool fastening systems make fast work of disc changes to maximise productivity and minimise downtime. They can be used on contours as well as flat surfaces in general purpose and specialised grinding.

## APPLICATIONS & MARKETS

- Weld blending
- Light deburring & finishing
- Blending
- Aggressive Stock removal
- Cleaning & corrosion removal



### TR ATTACHMENT (TYPE III - SL3)



### BLAZE X-TREME LIFE R980P

BEST +++++ INNOVATION

**BLAZE®**



#### FEATURES

- 100% premium SG grain
- 3rd layer supersize with active filler
- Improved resin system
- Different ply polyester cloth backing for different applications

#### BENEFITS

- High metal removal rate, even at medium pressure
- Cool cutting
- Best part cut & finish on stainless steel, inconels, chromium cobalt or titanium
- Exceptionally longer life, durability & aggressiveness
- 3 ply backing (yellow) for a more aggressive cutting application
- 2 ply backing (red) for lighter grading & blending applications

DIM DIA (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
50mm 3 ply	36	25	R980P	66261162318	662611623186
	50	25	R980P	66261162320	662611623209
	60	25	R980P	66261162322	662611623223
	80	25	R980P	66261162324	662611623247
	120	25	R980P	66261043386	662610433861
75mm 3 ply	36	25	R980P	66261162328	662611623285
	50	25	R980P	66261162330	662611623308
	60	25	R980P	66261162332	662611623322
	80	25	R980P	66261162334	662611623346
	120	25	R980P	66261043392	662610433922

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
50mm 2 ply	36	25	R980P	63642595470	3157629313527
	60	25	R980P	63642595476	3157629313541
	80	25	R980P	63642595478	3157629313558
	120	25	R980P	66261043421	3157629313718
75mm 2 ply	36	25	R980P	63642595479	3157629313565
	60	25	R980P	63642595481	3157629313589
	80	25	R980P	63642595493	3157629313596
	120	25	R980P	63642595425	3157629313725



## TR ATTACHMENT (TYPE III - SL3)



BLAZE F980

BEST +++++ INNOVATION

**BLAZE**®



### FEATURES

- Patented, new generation ceramic SG grain
- Self lubricating, advanced supersize treatment
- Improved resin system
- Heaviest fibre backing (blue)

### BENEFITS

- Significant cut rate and life over competitive blended/low-ratio ceramic alumina disc
- Reduced heat, loading and glazing on stainless, titanium and super alloys
- Improved grain retention for longer life & aggression
- Greater durability
- Longest life & edge-fray resistance

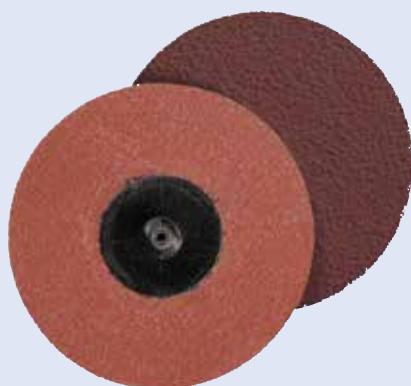
DIM DIA (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
50mm 3 ply	24	25	F980	77696090139	

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
75mm 3 ply	24	25	F980	77696090140	

CERAMIC CRY01

BETTER +++

**MERIT**®



### FEATURES

- Zirconia alumina abrasive with grinding aid
- Heavyweight backing

### BENEFITS

- High stock removal with a cool cutting action
- Extended durability

DIM DIA (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
75mm	36	50	CRY01	66254444650	
	60	50	CRY01	66254444651	

DIM DIA (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
75mm	80	50	CRY01	66254444652	
	120	50	CRY01	66254444653	

## TR ATTACHMENT (TYPE III - SL3)



### NORZON PLUS R801

BETTER +++++

**NorZon**®



#### FEATURES

- Zirconia alumina abrasive with grinding aid
- Heavyweight backing

#### BENEFITS

- High stock removal with a cool cutting action
- Extended durability

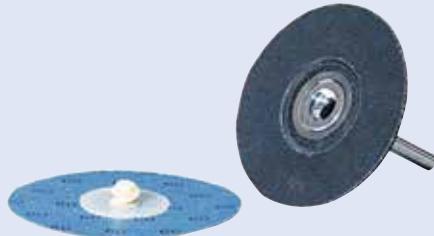
DIM DIA (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
51mm	50	100	R801	66254444645	9310357260806
	80	100	R801	66254444647	9310357260813

DIM DIA (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
75mm	50	50	R801	66254444649	9310357260820
	80	50	R801	66254444648	9310357260837

### ZIRCONIA R821P

BETTER +++++

**MERIT**



#### FEATURES

- Norzon abrasive
- Heavy duty cloth backing

#### BENEFITS

- Long lasting cutting edges especially on stainless steel
- Durable & hardwearing

DIM DIA (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
50mm	36	100	R821P	66254444605	9310357260684
	60	100	R821P	66254444606	9310357260691
	80	100	R821P	66254444607	9310357260707

DIM DIA (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
75mm	36	50	R821P	66254444609	9310357260769
	60	50	R821P	66254444610	9310357260776
	80	50	R821P	66254444611	9310357260783

## SPEEDLOK BACKING PADS

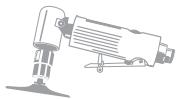
## ACCESSORIES



#### Speedlok (type III) backing pads

Roll on/roll off system using a nylon thread button on a pad with spindle. Medium density hardness for blending and grinding applications.

DIA (MM)	PK QTY	PRODUCT CODE	BARCODE
51	1	66261055103	9310357706151
75	1	66261055105	9310357706144



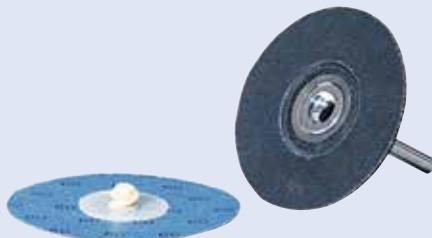
## TR ATTACHMENT (TYPE III - SL3)



NORZON R821P

BETTER +++

**NORTON**  
SAINT-GOBAIN® *NorZon*®



### FEATURES

- Norzon abrasive
- Heavy duty cloth backing

### BENEFITS

- Long lasting cutting edges especially on stainless steel
- Durable & hardwearing

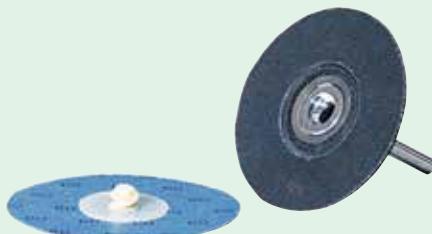
DIM DIA (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
50mm	24	25	R821P	66254444619	9310357219798
	36	25	R821P	66254444620	9310357219804
	50	25	R821P	66254444621	9310357219811

DIM DIA (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
75mm	24	25	R821P	66254444613	9310357215608
	36	25	R821P	66254444615	9310357215592
	50	25	R821P	66254444617	9310357215585
	80	25	R821P	66254444618	9310357215726

ALUMINIUM OXIDE R228

GOOD +++

**MERIT.**



### FEATURES

- High performance aluminium oxide
- Strong cotton laminated backing
- Open-coat grain distribution

### BENEFITS

- Multi-purpose economy product ideal for general purpose applications
- Durability for edge wear & fray resistance
- Reduced clogging

DIM DIA (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
50mm	36	100	R228	66254444595	9310357260646
	50	100	R228	66254444596	9310357260653
	80	100	R228	66254444597	9310357260660
	120	100	R228	66254444594	9310357260677

DIM DIA (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
75mm	36	50	R228	66254444600	9310357260721
	50	50	R228	66254444601	9310357260738
	80	50	R228	66254444602	9310357260745
	120	50	R228	66254444599	9310357260752

## TR ATTACHMENT (TYPE III - SL3)



### SPEEDLOK FLAP DISCS R980P

BEST INNOVATION



Same Blaze toughness in a small size ideal for working in difficult areas.



#### FEATURES

- R980P 100% Premium SG abrasive
- Supersize grinding aid
- 50mm or 75mm nylon backing
- Speedlok quick change system (TR)
- Available grit range 40-80

#### BENEFITS

- High stock removal, even at medium pressure
- Fast cutting capacity
- Long life
- Provides a cool, noticeably faster cut rate
- Ideal for working on small, difficult to access area
- Lightweight and absorbs vibration
- Easy and quick to change
- Blending and finishing

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
50	40	10	R980P	77696090146	
	60	10	R980P	77696090147	
	80	10	R980P	77696090148	

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
75	40	10	R980P	77696090151	
	60	10	R980P	77696090152	
	80	10	R980P	77696090153	

### SPEEDLOK FLAP DISCS R884P

BETTER



#### FEATURES

- R884P Norzon cloth
- Semi-openkote
- 50mm or 75mm nylon backing
- Speedlok quick change system
- Available grit range 40-80

#### BENEFITS

- High stock removal
- Fast cutting capacity
- Long life
- Retards loading on aluminium
- Ideal for working on small, difficult to access area
- Lightweight and absorbs vibration
- Easy and quick to change
- Blending and finishing

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
50	40	10	R884P	77696090166	
	60	10	R884P	77696090167	
	80	10	R884P	77696090168	

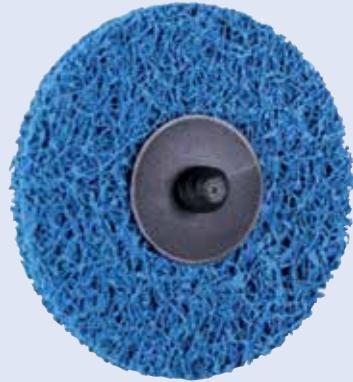
DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
75	40	10	R884P	77696090171	
	60	10	R884P	77696090172	
	80	10	R884P	77696090173	



## TR ATTACHMENT (TYPE III - SL3)



### VORTEX RAPID BLEND OPEN STRUCTURE



#### FEATURES

- Advanced grain technology
- Longer life (5 to 8 times of competitors)
- Blend in 3D
- Open web structure

#### BENEFITS

- Controlled cut rate with consistent finish
- Less disc changes and downtime, improved costs
- Face, edge and backside of the disc can be used, operator friendly and no smearing!
- Avoid premature loading - especially good on soft materials e.g. aluminium, brass etc.

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
50	MEDIUM	25	U2311	66254497067	
75	MEDIUM	25	U2311	66254497068	

### VORTEX RAPID BLEND CLOSED STRUCTURE

BETTER +++++

**VORTEX**  
RAPID BLEND



#### FEATURES

- High performance engineered grain and improved resin bond system
- Thick nylon web
- New curing process and bond technology
- Excellent form holding

#### BENEFITS

- Fast stock removal, reduced cycle time, increased part quality
- Consistent performance, improved part quality, no chemical odour or smearing
- Will not break down under heavy deburring conditions
- Use on a variety of shapes & contours

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
75	5AM	40	U2305	66254413661	

## TR ATTACHMENT (TYPE III - SL3)



### RAPID PREP

GOOD

**MERIT**



#### FEATURES

- Open structure
- High abrasive content
- Flexible backing
- General purpose

#### BENEFITS

- Resists loading on softer materials
- Fast initial cut rate
- Conforms to surface contours
- Very versatile

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
50	Coarse	50	S2208	66254444630	9310357260561
50	Medium	50	S2308	66254444639	9310357260578
50	Very Fine	50	S2508	66254444634	9310357260585

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
75	Coarse	25	S2208	66254444631	9310357260608
75	Medium	25	S2308	66254444640	9310357260615
75	Very Fine	25	S2508	66254444636	9310357260622

### RAPID PREP SPEEDLOK DISCS

GOOD

**Rapid  
PREP™**



#### FEATURES

- Open structure
- High abrasive content
- Flexible backing
- General purpose

#### BENEFITS

- Resists loading on softer materials
- Fast initial cut rate
- Conforms to surface contours
- Very versatile

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
50	Coarse	50	S2208	66261004437	9310357218838
50	Medium	50	S2308	66254444642	9310357218821
50	Very Fine	50	S2508	66254444637	9310357218814

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
75	Coarse	25	S2208	66254444633	9310357215615
75	Medium	25	S2308	66254444643	9310357215622
75	Very Fine	25	S2508	66254444638	9310357215639



## TR ATTACHMENT (TYPE III - SL3)



### BLAZE RAPID STRIP R9101



BEST INNOVATION



Same Blaze toughness in a small size ideal for working in difficult areas.

#### FEATURES

- Heavy coating of Norton SG Blaze ceramic alumina long-lasting grain and advanced resin bond
- Open structure

#### BENEFITS

- Lasts 2x longer than competitive products
- Does not shed on rust-encrusted pieces or load on soft metals
- Lighter pressure will finish similar to a medium grit surface conditioning disc; additional pressure will remove material (strip and clean)
- Less downtime and less production waste/landfill

DIM DIA [MM]	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
50	Coarse	25	R9101	66623303912	3157629408889
75	Coarse	25	R9101	66261096557	3157629408858

DIM DIA [MM]	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
100	Coarse	5	R9101	66623303921*	3157629408919

\*Use with TR+ holder

### RAPID STRIP R4101

GOOD



#### FEATURES

- Open web construction
- Conformable
- Thick, strong, synthetic fibres & extra coarse grit

#### BENEFITS

- Fast cutting & long lasting
- Follow difficult part profiles
- Easy cleaning of uneven surfaces
- Quick cleaning & conditioning of surfaces with aggressive corrosion removal
- Quick-change replacement; can be used on face & edge

DIM DIA [MM]	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
50	Coarse	10	R4101	66261011782	662610117822
50	Coarse	10	R4101	66261011781	662610117815

DIM DIA [MM]	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
100 x 13 x 6	Coarse	10	R4101	07660701217*	0076607012173

\*Rapid strip on a spindle

## SPINDLE MOUNTED FLAP WHEELS

Designed to deliver a consistent finish with a uniform rate of cut, flap wheels have a continual rate of wear which exposes new abrasive. Their construction also makes them ideal for sanding contours and uneven surfaces.

### APPLICATIONS & MARKETS

- Metal fabrication
- Blending welds
- Deburring
- Cleaning & finishing



### FLAP WHEELS

#### ALUMINIUM OXIDE

GOOD

**NORTON**  
SAINT-GOBAIN



#### FEATURES

- Aluminium oxide abrasive
- Highly resistant backing

#### BENEFITS

- Unique manufacturing technique provides low dust generation
- Consistent cut rate with ability to leave a very good finish
- Good life and cut rate in comparison to the competition

DIM DIA x H [MM]	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
30 x 10 x 3	60	10	R207	66623321481	9310357256946
	80	10	R207	66623321482	9310357256953
	120	10	R207	66623321483	9310357256960
	150	10	R207	66623321484	9310357256977
	240	10	R207	66623321485	9310357256984
	320	10	R207	66623321486	9310357256991
30 x 10 x 6	60	10	R207	66623321487	9310357257004
	80	10	R207	66623321488	9310357257011
	120	10	R207	66623321489	9310357257028
	150	10	R207	66623321490	9310357257035
	240	10	R207	66623321491	9310357257042
	320	10	R207	66623321492	9310357257059
30 x 15 x 6	60	10	R207	66623321493	9310357257066
	80	10	R207	66623321494	9310357257073
	120	10	R207	66623321495	9310357257080
	150	10	R207	66623321496	9310357257097
40 x 10 x 6	60	10	R207	66623321497	9310357275103
	80	10	R207	66623321498	9310357257110
	120	10	R207	66623321499	9310357257127
	150	10	R207	66623321500	9310357257134
	240	10	R207	66623321501	9310357257141
	320	10	R207	66623321502	9310357257158

DIM DIA x H [MM]	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
40 x 15 x 6	60	10	R207	66623321503	9310357257172
	80	10	R207	66623321504	9310357257189
	120	10	R207	66623321505	9310357257196
30 x 20 x 6	60	10	R207	66623321506	9310357257219
	80	10	R207	66623321507	9310357257226
	120	10	R207	66623321508	9310357257233
50 x 15 x 6	60	10	R207	66623321509	9310357257257
	80	10	R207	66623321510	9310357257264
	120	10	R207	66623321511	9310357257271
50 x 20 x 6	60	10	R207	66623321512	9310357257288
	80	10	R207	66623321513	9310357257295
	120	10	R207	66623321514	9310357257301
50 x 30 x 6	60	10	R207	66623321515	9310357257325
	80	10	R207	66623321516	9310357257332
	120	10	R207	66623321517	9310357257349
	150	10	R207	66623320518	9310357257356
	240	10	R207	66623321519	9310357257363
60 x 15 x 6	60	10	R207	66623321520	9310357257370
	80	10	R207	66623321521	9310357257387
	120	10	R207	66623321522	9310357257394
60 x 20 x 6	60	10	R207	66623321523	9310357257400
	80	10	R207	66623321524	9310357257417
	120	10	R207		



## FLAP WHEELS

### ALUMINIUM OXIDE

GOOD +++

NORTON  
SAINT-GOBAIN



#### FEATURES

- Aluminium oxide abrasive
- Highly resistant backing

#### BENEFITS

- Unique manufacturing technique provides low dust generation
- Consistent cut rate with ability to leave a very good finish
- Good life and cut rate in comparison to the competition

DIM DIA x H [MM]	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
60 x 30 x 6	60	10	R207	66623321525	9310357257448
	80	10	R207	66623321526	9310357257455
	120	10	R207	66623321527	9310357257462
	150	10	R207	66623321528	9310357257479
	240	10	R207	66623321529	9310357257486
	320	10	R207	66623321530	9310357257493
60 x 40 x 6	60	10	R207	66623321531	9310357257509
	80	10	R207	66623321532	9310357257516
	120	10	R207	66623321533	9310357257523
60 x 50 x 6	60	10	R207	66623321534	9310357257547
	80	10	R207	66623321535	9310357257554
	120	10	R207	66623321536	9310357257561
80 x 30 x 6	60	10	R207	66623321537	9310357257578
	80	10	R207	66623321538	9310357257585
	120	10	R207	66623321539	9310357257592
80 x 40 x 6	60	10	R207	66623321540	9310357257615
	80	10	R207	66623321541	9310357257622
80 x 50 x 6	60	10	R207	66623321542	9310357257646
	80	10	R207	66623321543	9310357257653
	120	10	R207	66623321544	9310357257660

DIM DIA x H [MM]	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
165 x 25 x 30	60	10	R207	66623321545	9310357257677
	80	10	R207	66623321546	9310357257684
	120	10	R207	66623321547	9310357257691
	60	10	R207	66623321548	9310357257707
	80	10	R207	66623321549	9310357257714
	120	10	R207	66623321550	9310357257721

# INTRODUCTION TO THE MULTI-AIR PROCESS



Norton Multi-Air Process combines the excellence of a premium Norton Multi-Air abrasive disc with an innovative dust-extraction Multi-Air back-up pad.

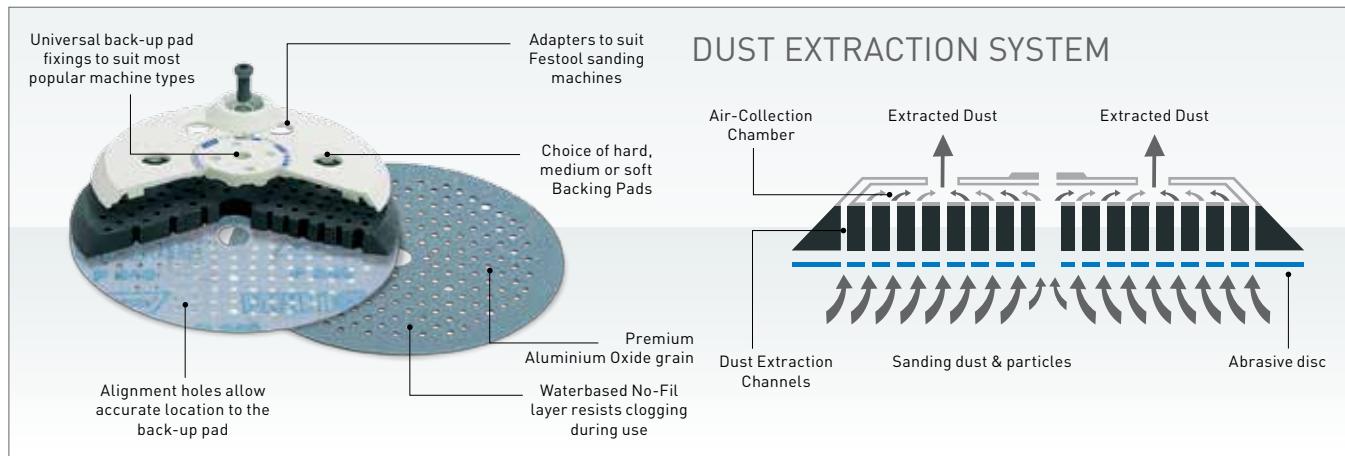
This revolutionary Multi-Air Process gives operators the optimal sanding solution to optimise performance, increase productivity and eliminate dust.

The innovative pad design draws dust into a collection chamber allowing optimal airflow and powerful dust extraction.

Multi-Air addresses multiple markets including those sanding primed and painted parts in the automotive industry, composites, marine gel coat, furniture, non-ferrous metals and many more.

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**MULTI-AIR IS PROVEN TECHNOLOGY  
ALREADY ADOPTED BY THOUSANDS OF  
USERS AROUND THE WORLD.**



## FEATURES

- REVOLUTIONARY DESIGN FOR MAXIMUM DUST EXTRACTION
- CUTTING SURFACE OF DISC REMAINS CLEAN
- PREMIUM ABRASIVE GRAIN
- UNIQUE SOFT-TOUCH DISCS

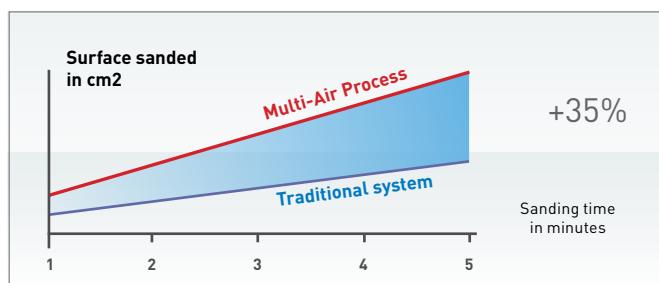
## BENEFITS

- CLOGGING IS VIRTUALLY ELIMINATED
- CLEANER WORKING ENVIRONMENT
- LESS DUST AND CONTAMINATION
- CONSISTENT CUT THROUGHOUT DISC LIFE
- SUBSTANTIALLY LONGER LIFE AND FASTER CUT THAN CONVENTIONAL ABRASIVES

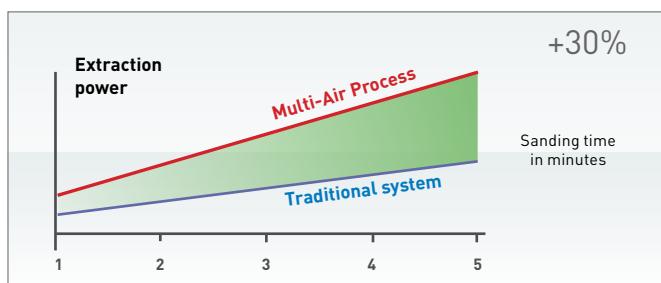
## EXTRACTION HOLES

- 181 HOLES MAXIMISE DUST REMOVAL FOR 150MM

The overall abrasive area is similar to that of conventional discs with traditional, 6, 7 or 9 holes dust extraction.



35% more surface area sanded than conventional system.



30% better dust extraction capacity than conventional system.



## MULTI-AIR DISCS

Norton Multi-Air Process combines the excellence of a premium Norton Multi-Air abrasive disc with an innovative dust-extraction Multi-Air back-up pad.

This revolutionary Multi-Air Process gives operators the optimal sanding solution to optimise performance, increase productivity and eliminate dust.

### APPLICATIONS & MARKETS

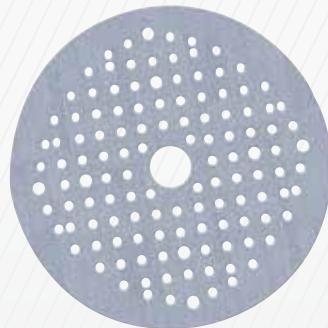
- Automotive
- Furniture
- Paint
- Composites
- Primer
- Marine gel coat
- Non-ferrous metals
- Aerospace



### MULTI-AIR SPEEDGRIP DISCS

#### MULTI-AIR PLUS A975

BEST +++++



#### FEATURES

- Norton SG ceramic abrasive blended with premium heat treated aluminium oxide abrasive
- Unique - blue fibre-reinforced latex paper
- Waterbased No-fil
- No pigment in No-fil or bond
- Improved Performance
- Ideal for large surface areas
- Available in grits P80 - P400

#### BENEFITS

- Higher & faster cut rate
- Consistent & uniform scratch pattern
- Combines flexibility with tear resistance
- Resists clogging during use
- No risk of colour transfer
- Extended life
- Less downtime

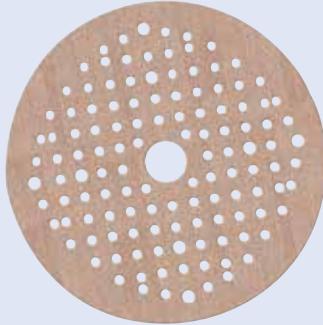
DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
150 x 18	80	100	A975	63642565916	636425659167
	120	100	A975	63642523429	636425234296
	150	100	A975	63642523430	636425234302
	180	100	A975	63642565920	636425659204
	240	100	A975	63642523435	636425234357

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
150 x 18	320	100	A975	63642523437	636425234371
	400	100	A975	63642565925	636425659259
	500	100	A975	63642532656	
	600	100	A975	63642532657	3157629599945
	800	100	A975	66254477926	3157629292105

## MULTI-AIR SPEEDGRIP DISCS

MULTI-AIR A275

BETTER + + +



### FEATURES

- Premium, heat-treated aluminium oxide abrasive
- Unique fibre-reinforced latex paper
- Water based No-Fil
- No pigment in No-Fil or bond
- Available in grits P80-800

### BENEFITS

- Faster cut rate
- Flexible & tear resistant
- Improved load resistance
- No risk of colour transfer

DIM DIA x H [MM]	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
150 x 18	80	100	A275	63642560561	3157624950772
	120	100	A275	63642560562	3157624950789
	150	100	A275	63642560563	3157624950796
	180	100	A275	63642560564	3157624950802
	240	100	A275	63642560566	3157624950826

DIM DIA x H [MM]	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
150 x 18	320	100	A275	63642560568	3157624950857
	400	100	A275	63642560570	3157624950901
	500	100	A275	63642560571	3157624950918
	600	100	A275	63642560572	3157624950932
	800	100	A275	63642560573	3157624950949

## MULTI-AIR SPEED-GRIP DISC INTERFACE PAD

### ACCESSORIES



The innovative Multi-Air back-up pad design draws dust into the collection chamber allowing optimal airflow and powerful dust extraction.

High performance high productivity and a clean surface and working environment are the outcome of this innovative design.

Packed in individual boxes with Festool and Rupes adaptor, M8 and 5/16" bolts, 1 metal ring and 3 fibre washers.

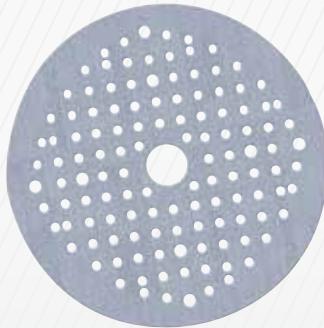
DESCRIPTION	PK QTY	PRODUCT CODE	BARCODE
150 mm dia Multi Air back-up pad	1	63642585872	3157624898593



## MULTI-AIR PLUS SOFT-TOUCH

### MULTI-AIR PLUS SOFT-TOUCH A975

BEST



#### FEATURES

- Norton SG ceramic abrasive blended with premium heat treated aluminium oxide abrasive
- Blue fibre-reinforced latex paper
- Water based No-Fil coating
- No pigment in No-fil or bond system
- Flexible and coloured self grip foam backing
- Multi-Air hole configuration
- Colour coded discs

#### BENEFITS

- Faster cut rate
- Improved performance
- Flexible & tear resistant
- Improved load resistance
- No risk of colour transfer
- Allows contour sanding without cutting through
- Maximum dust extraction for a clean work surface and increased life
- Easy product identification

DIM DIA x H (MM)	GRIT	PACK QTY	COLOUR	PRODUCT CODE	BARCODE
150 x 18	320	20	Salmon	63642595575	
	400	20	Yellow	63642595577	
	500	20	Dark Blue	66254477927	

DIM DIA x H (MM)	GRIT	PACK QTY	COLOUR	PRODUCT CODE	BARCODE
150 x 18	800	20	Turquoise	66254477932	
	1000	20	White	63642536301	

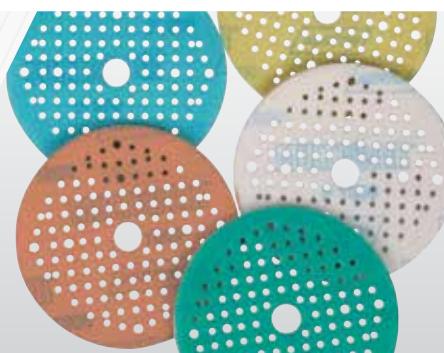
## PRODUCT SELECTION GUIDE

APPLICATION	GRIT	COLOUR
<b>SOFT-TOUCH DISCS</b>		
Sanding cataphoretic coats & primer	320	Salmon
Sanding polyurethane primer	400	Yellow
	500	Dark Blue
Cutting back lacquer before a flush joint	800	Turquoise
Retouching clear coat	1000	White
Before polishing & buffing	1500	Green



#### SPEC CHECK

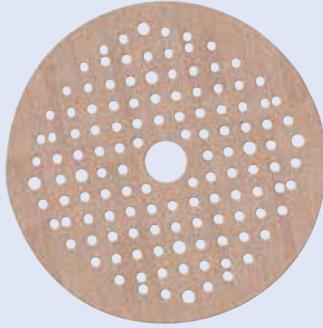
- Multi-Air Soft-Touch discs are made with a specific soft foam backing with high performance & exceptional long life, directly attached to the abrasive paper
- The foam layer absorbs easily any difference in surface, maintaining an excellent cutting action with a very homogeneous, high level finish



## MULTI-AIR SOFT-TOUCH

### MULTI-AIR SOFT-TOUCH A275

BETTER +++++



#### FEATURES

- Premium, heat-treated aluminium oxide grain
- Fibre-reinforced latex paper
- Water based No-Fil coating
- No pigment in No-Fil or bond system
- Flexible and coloured self grip foam backing
- Multi-Air hole configuration
- Colour coded discs

#### BENEFITS

- Faster cut rate
- Improved performance
- Flexible & tear resistant
- Improved load resistance
- No risk of colour transfer
- Allows contour sanding without cutting through
- Maximum dust extraction for a clean work surface and increased life
- Easy product identification

DIM DIA x H (MM)	GRIT	PACK QTY	COLOUR	PRODUCT CODE	BARCODE
150 x 18	320	20	SALMON	66261032772	3157625953185
	400	20	YELLOW	66261032773	3157625953444
	500	20	DARK BLUE	66261032774	3157625953451

DIM DIA x H (MM)	GRIT	PACK QTY	COLOUR	PRODUCT CODE	BARCODE
150 x 18	800	20	TURQUOISE	66261032775	3157625953468
	1000	20	WHITE	66261034247	3157629315743
	1500	20	GREEN	66261034248	3157629421789

### MULTI-AIR PLUS STARTER KIT A975

BEST +++++



These unique product sample kits contain a Multi-Air back up pad and variety of discs with the Multi-Air hole configuration, providing all you need to trial the Multi-Air Process system.

GRIT	TYPE	QTY IN KIT	PART NO.	PK QTY
	Multi-Air Pad	1	69957395370*	1
P80	Multi-Air Plus	5		
P120		5		
P240		5		
P320		5		
P400		5		
P320	Multi-Air Plus Soft-Touch	3		
P400	Multi-Air Plus Soft-Touch	3		

\* Order on request



## MULTI-AIR SOFT-TOUCH

### MULTI-AIR STARTER KIT A275

BETTER + + +

**MULTI AIR**



These unique product sample kits contain a Multi-Air back up pad and variety of discs with the Multi-Air hole configuration, providing all you need to trial the Multi-Air Process system.

GRIT	TYPE	QTY IN KIT	PART NO.	PK QTY
	Medium Multi-Air Pad	1		
P80	Multi-Air Norzon	5		
P120	Multi-Air	5	63642587576*	1
P240		5		
P320		5		
P400		5		
P400		5		
P500	Multi-Air Soft-Touch	5		
P800		5		

\* Order on request



## SPEEDGRIP DISCS

Speedgrip discs have a quick release backing that allows quick and easy disc changing, increasing performance by minimising downtime. Soft-Touch discs also include a foam backing that improves product performance and gives an even longer product life. The foam layer absorbs unevenness in the surface, helping to maintain an excellent cutting action providing a very homogenous, high quality finish.

### APPLICATIONS & MARKETS

- Preparing primed & painted surfaces
- Stripping primer & paint
- Sanding plastic & fibreglass
- Light weld blending & deburring
- Sanding bare wood

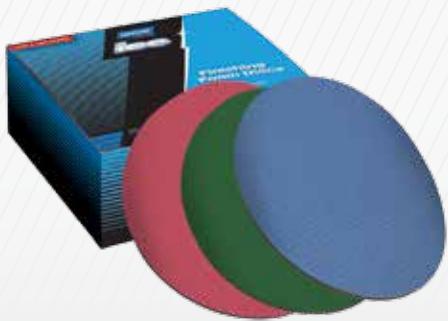


## FILM DISCS

ICE Q255

BEST +++++ INNOVATION

**ice**™



### FEATURES

- Ultra fine grits available 1500, 2000 & 3000
- Colour coded discs
- Foam backing absorbs water and moulds to the surface for equal pressure distribution.

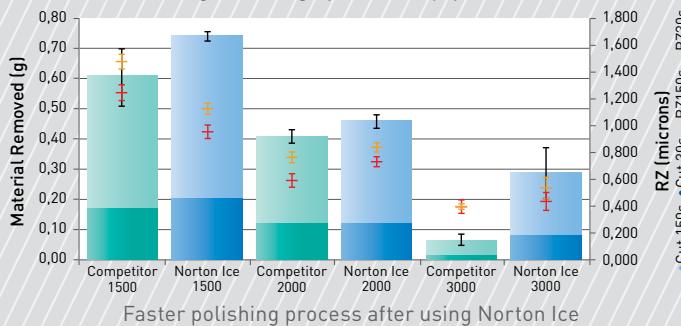
### BENEFITS

- Uniform cut throughout product life
- Smooth finish and lower scratch depth
- Requires less effort during the application
- Easy grit identification
- Washable and waterproof
- Reusable
- High quality finish
- Use by hand on difficult to reach areas

DIM DIA x H (MM)	GRIT	PACK QTY	COLOUR	PRODUCT CODE	BARCODE
80 x NO HOLE	1500	50	BLUE	66623324958	3157629415078
	2000	50	FUCHSIA	66623324955	3157629415054
	3000	50	GREEN	66623324956	3157629415061

DIM DIA x H (MM)	GRIT	PACK QTY	COLOUR	PRODUCT CODE	BARCODE
150 x NO HOLE	1500	50	BLUE	66623324933	3157629415108
	2000	50	FUCHSIA	66623324952	3157629415092
	3000	50	GREEN	66623324954	3157629415085

Low roughness, high productivity, perfect finish





## FILM DISCS

## PURE ICE Q175

BEST +++++

**PUREice™**

## FEATURES

- Consistent finish
- Contains an anti-loading agent
- Smooth flexible backing
- Speed-Grip fixing system
- Colour coded back print

## BENEFITS

- Eliminates pigtails and costly re-work
- Quick and easy to polish out
- Increase productivity
- Consistent finish & long life
- Better flexibility and disc flatness
- Less downtime switching discs
- Easy grit identification

DIM DIA x H (MM)	GRIT	PACK QTY	COLOUR	PRODUCT CODE	BARCODE
76 x NO HOLE	P800	50	BLACK	77696088701	
	P1000	50	RED	77696088702	
	P1200	50	GREEN	77696088703	
	P1500	50	BLUE	77696088704	

DIM DIA x H (MM)	GRIT	PACK QTY	COLOUR	PRODUCT CODE	BARCODE
150 x NO HOLE	P800	50	BLACK	77696088713	
	P1000	50	RED	77696088714	
	P1200	50	GREEN	77696088715	
	P1500	50	BLUE	77696088716	

## APPLICATION TIPS

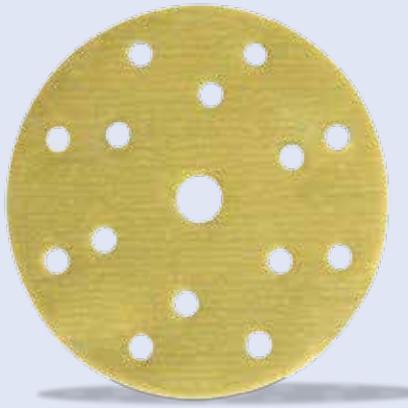
- The use of Q175 discs combined with an interface pad guarantees comfortable sanding with an excellent finish.
- On orbital sanders, use the disc and interface pad with a Ø 150mm self-grip back-up pad. See pages ??-?? for our back-up pads and interface range.
- Use Pure Ice Q175 discs, combined with Norton Ice discs, Liquid Ice Polishing Compound and Blue Magnet microfiber cloth to achieve a professional, high shine finish.



## FILM DISCS

PRO FILM Q275

BETTER + + +



### FEATURES

- Heat-treated aluminium oxide grain
- FEPA 'P' graded abrasive
- Waterbased No-Fil stearate layer on the abrasive
- Flexible film backing
- Speedgrip backing
- Full range of grits available

### BENEFITS

- Fast cut, good material removal and excellent performance
- Approved high quality discs
- Prevents dust build-up during sanding
- For dry sanding
- Provides a consistent scratch pattern, reduces rework
- Tear resistant
- Quick & easy disc changing, reduce process time
- A product for every application stage

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
	P80	100	Q275	77696085879	3157629578544
	P120	100	Q275	77696088028	3157629578551
	P150	100	Q275	77696088145	3157629578568
	P180	100	Q275	77696088146	3157629578575
	P240	100	Q275	77696088149	3157629578599
	P320	100	Q275	77696088150	3157629578605

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
	P400	100	Q275	77696088151	3157629578612
	P600	100	Q275	77696088153	3157629579039
	P800	100	Q275	77696088154	3157629579046
	P1000	100	Q275	77696088155	3157629579053
	P1200	100	Q275	77696088156	3157629579060
	P1500	100	Q275	77696088388	3157629579237



## PAPER DISCS

Paper backed discs are available in various paper weights from light to heavy paper. This weight variation gives the discs different performance characteristics whereby the heavy paper discs of H231 ('E' weight) are more robust and suitable for heavy duty sanding and the lighter discs of A275 / A295 ('B' weight) are more flexible and suitable for fine finishing of paint and clear coats.

### APPLICATIONS & MARKETS

- Preparing primed & painted surfaces
- Stripping primer & paint
- Sanding plastic & fibreglass
- Light weld blending & deburring
- Sanding bare wood



## PAPER DISCS

### BLUE FIRE H875P

BEST +++++



#### FEATURES

- Latest Norzon grain design
- High strength paper backing (E weight)
- Open abrasive coating
- Full Resin bond system

#### BENEFITS

- Self sharpening grain
- Improved cut rate
- Extended product life
- Tear resistant
- Prevents premature clogging
- Strong grain adhesion

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
150mm NO HOLE	Z36	25	H875P	66261123590	662611235907
	Z40	25	H875P	66261123589	662611235891
	Z80	25	H875P	66261123588	662611235884
150mm 6+1 HOLE	Z40	25	H835	69957391250	3157625722941
	Z60	25	H835	69957391255	3157625722958
	Z80	25	H835	69957391256	3157625722965
	Z120	25	H835	69957391257	3157625722972

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
200mm NO HOLE	Z36	25	H875P	66261123593	662611235938
	Z40	25	H875P	66261123592	662611235921
	Z80	25	H875P	66261123591	662611235914
200mm 8 HOLE	Z36	25	H875P	66261123598	662611235983
	Z40	25	H875P	66261123597	662611235976
	Z80	25	H875P	66261123596	662611235969

### STICK 'N' SAND DISCS

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
150mm NO HOLE	Z36	50	H875P	66261123575	9310357221975
	Z40	50	H875P	66261123574	9310357221982
	Z80	50	H875P	66261123573	9310357221999

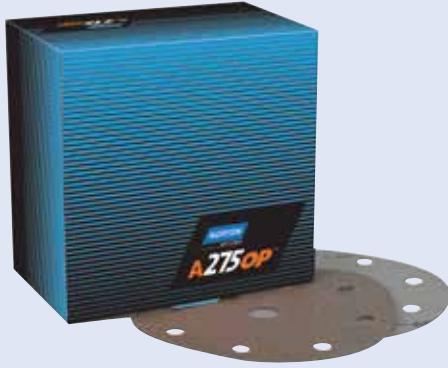
DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
200mm NO HOLE	Z36	25	H875P	66261123578	9310357221937
	Z40	25	H875P	66261123577	9310357221944
	Z80	25	H875P	66261123576	9310357221968

## PAPER DISCS

### SPEED GRIP DISCS A275

BETTER + + +

**A275OP™**



#### FEATURES

- Premium, heat-treated aluminium oxide abrasive
- Unique fibre-reinforced latex paper
- Water based No-Fil
- No pigment in No-Fil or bond system
- Available in grits P80 - 1500

#### BENEFITS

- Faster cut rate
- Improved performance
- Flexible & tear resistant
- Improved load resistance
- No risk of colour transfer

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
80	80	100	A275	66623320635	9310357249689
	120	100	A275	66623320636	9310357249696
	150	100	A275	66623320637	9310357249702
	180	100	A275	66623320638	9310357249719
	240	100	A275	66623320639	9310357249474
	320	100	A275	66623320640	9310357249481
	400	100	A275	66623320641	9310357249498
	600	100	A275	66623320642	9310357249504
	800	100	A275	66623320643	93103572149511
	1200	100	A275	66623320644	9310357249528
	1500	100	A275	66623320645	9310357256243
150	80	100	A275	66623320456	9310357211945
	100	100	A275	66261131565	9310357211952
	120	100	A275	66623320457	9310357211969
	180	100	A275	66623320458	9310357211976
	240	100	A275	66623320459	9310357211983
	320	100	A275	66623320460	9310357211990
	600	100	A275	66623320681	9310357253563

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
150 6+1 HOLE	80	100	A275	66623320649	9310357227038
	120	100	A275	66623320650	9310357227106
	150	100	A275	66623320651	9310357227144
	180	100	A275	66623320652	9310357227151
	240	100	A275	66623320653	9310357227205
	320	100	A275	66623320654	9310357227212
	400	100	A275	66623320655	9310357227281
	500	100	A275	66623320666	9310357248583
	600	100	A275	66623320656	9310357227304
	800	100	A275	66623320659	9310357238003
150 8+1 HOLE	1200	100	A275	66623320657	9310357227359
	1500	100	A275	66623320658	9310357227403
	80	100	A275	66623320576	9310357253921
	120	100	A275	66623320577	9310357253938
	150	100	A275	66623320578	9310357253945
	180	100	A275	66623320579	9310357253952
	240	100	A275	66623320580	9310357253969
	320	100	A275	66623320581	9310357253976
	400	100	A275	66623320582	9310357253983
	500	100	A275	66623320583	9310357253914



## SPEED GRIP PAPER DISCS

### NO-FIL PAPER DISCS A297/H233

GOOD +++

**NORTON**  
SAINT-GOBAIN



#### FEATURES

- "P" graded premium aluminium oxide grain
- Strong C weight latex/paper backing
- Water-based non-loading stearate
- Available in Norgrips grits P80 - 400

#### BENEFITS

- Produces a quick, cool cut
- Produces a more consistent scratch pattern
- Resists tearing
- Conformable and flexible
- Resists loading
- Increases productivity

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
125 NO HOLE	80	100	A297	66623320727	9310357244738
	120	100	A297	66623320728	9310357244745
	180	100	A297	66623320729	9310357244752
	240	100	A297	66623320730	9310357244769
	320	100	A297	66623320731	9310357244776
125 8 HOLE	40	50	H233	66623320733	9310357217206
	60	50	H233	66623320734	9310357217213
	80	100	A297	66623320735	9310357217220
	100	100	A297	66623320737	9310357217237
	120	100	A297	66623320740	9310357217244
	150	100	A297	66623320690	9310357254737
	180	100	A297	66623320743	9310357217251
	240	100	A297	66623320745	9310357217268
	320	100	A297	66623320747	9310357217275
	400	100	A297	66623320749	9310357217282
200 mm dia. NO HOLE	36	50	H233	66623320566	9310357214169
	80	100	A297	66623320551	9310357217176
	120	100	A297	66623320552	9310357217183
	180	100	A297	66623320553	9310357217190
	240	100	A297	66623320629	9310357222019
	320	100	A297	66623320630	9310357222026
200 mm dia. 8+1 HOLE	36	50	H233	66623320732	9310357218920
	40	50	H233	66623320680	9310357249924
	60	50	H233	66623320664	9310357245117
	80	100	A297	66623320751	9310357218937
	120	100	A297	66623320739	9310357218944
	180	100	A297	66623320753	9310357218951
	240	100	A297	66623320631	9310357222040
	320	100	A297	66623320632	9310357222057

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
150 NO HOLE	40	50	H233	66623320541	9310357217053
	60	50	H233	66623320542	9310357217060
	80	100	A297	66623320543	9310357217077
	100	100	A297	66623320544	9310357217084
	120	100	A297	66623320545	9310357217091
	150	100	A297	66623320546	9310357217107
	180	100	A297	66623320547	9310357217114
	240	100	A297	66623320548	9310357217138
	320	100	A297	66623320549	9310357217145
	400	100	A297	66623320550	9310357217152
150 6+1 HOLE	36	50	H233	66623320554	9310357259978
	40	50	H233	66623320555	9310357217299
	60	50	H233	66623320556	9310357217305
	80	100	A297	66623320557	9310357217312
	100	100	A297	66623320558	9310357217329
	120	100	A297	66623320559	9310357217336
	150	100	A297	66623320560	9310357217343
	180	100	A297	66623320561	9310357217350
	240	100	A297	66623320562	9310357217367
	320	100	A297	66623320563	9310357217374
150mm dia. 8+1 HOLE	400	100	A297	66623320572	9310357217381
	60	50	H233	66623320667	9310357247807
	80	100	A297	66623320736	9310357217398
	100	100	A297	66623320738	9310357217404
	120	100	A297	66623320741	9310357217411
	120	100	A297	66623320742	9310357217428
	180	100	A297	66623320744	9310357217435
	240	100	A297	66623320746	9310357217442
	320	100	A297	66623320748	9310357217459
	400	100	A297	66623320750	9310357217466

## SPEED GRIP PAPER DISCS

### ADALOX PAPER DISCS H231

GOOD +++



#### FEATURES

- High performance aluminium oxide abrasive
- Semi-open / open coat (depending on grit size)
- Very strong, F-weight paper
- Anti-static properties

#### BENEFITS

- Ideal for roughing, intermediate sanding & finishing of solid wood
- Ideal for floor & furniture applications
- Finer grits ideal for polishing metal, plastics & leathers, smoothing fillers, sanding primers, within vehicle repair markets
- Resists chipping
- High performance
- Excellent surface quality

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
115 mm dia. 8 HOLE	40	100	H231	66623320493	9310357215301
	80	100	H231	66623320495	9310357215325
	120	100	H231	66623320496	9310357215332
	180	100	H231	66623320497	9310357214349
125 mm dia. NO HOLE	40	50	H231	66623320596	9310357220442
	60	50	H231	66623320597	9310357220459
	80	50	H231	66623320598	9310357220466
	120	100	H231	66623320599	9310357220473
	180	100	H231	66623320600	9310357220480
	240	100	H231	66623320691	9310357254713
125 mm dia. 8 HOLE	40	50	H231	66623320498	9310357215356
	60	50	H231	66623320499	9310357215363
	80	50	H231	66623320500	9310357215370
	100	100	H231	66623320501	9310357220435
	120	100	H231	66623320502	9310357215387
	180	100	H231	66623320503	9310357215394
	240	100	H231	66623320574	9310357217879
150 mm dia. NO HOLE	40	50	H231	66623320714	9310357217473
	60	50	H231	66623320715	9310357217480
	80	50	H231	66623320716	9310357217497
	120	100	H231	66623320717	9310357217503
	180	100	H231	66623320718	9310357217510
	240	100	H231	66623320719	9310357217527
150mm dia. 8+1 HOLE	40	50	H231	66623320720	9310357217534
	60	100	H231	66623320721	9310357217541
	80	100	H231	66623320722	9310357217558
	100	100	H231	66623320723	9310357256267
	120	100	H231	66623320724	9310357217565
	150	100	H231	66623320725	9310357256274

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
150 mm dia. 6+1 HOLE	40	50	H231	66623320682	9310357254294
	60	50	H231	66623320683	9310357254300
	80	50	H231	66623320684	9310357254317
	100	100	H231	66623320685	9310357254324
	120	100	H231	66623320686	9310357254331
	150	100	H231	66623320687	9310357256250
	180	50	H231	66623320688	9310357254348
	240	50	H231	66623320689	9310357254355
178 mm dia. NO HOLE	40	50	H231	66623320567	9310357217886
	60	50	H231	66623320568	9310357217893
	80	50	H231	66623320569	9310357217909
	120	100	H231	66623320571	9310357217923
200 mm dia. NO HOLE	180	100	H231	66623320601	9310357220497
	40	100	H231	66623320606	9310357248293
	60	50	H231	66623320607	9310357248309
	80	50	H231	66623320608	9310357248316
230 mm dia. NO HOLE	40	50	H231	66623320692	9310357255215
	60	100	H231	66623320693	9310357255222
	80	100	H231	66623320694	9310357255239
	120	50	H231	66623320695	9310357255246
260 mm dia. NO HOLE	40	50	H231	66623320696	9310357255253
	60	50	H231	66623320697	9310357255260
	80	20	H231	66623320698	9310357255277
	120	20	H231	66623320699	9310357255284
305 mm dia. NO HOLE	40	20	H231	66623320700	9310357255291
	60	20	H231	66623320701	9310357255307
	80	20	H231	66623320702	9310357255314
	120	20	H231	66623320703	9310357255321



## STICK 'N' SAND PAPER DISCS

### NO-FIL PAPER DISCS A297/H233

GOOD +++



#### FEATURES

- "P" graded premium aluminium oxide grain
- H233 Strong E weight latex/paper backing
- A297 Strong C weight latex/paper backing
- Water-based non-loading stearate
- A297 available in Norgrips grits P80 - 400
- H233 available in grits P36, P40 & P60

#### BENEFITS

- Produces a quick, cool cut
- Produces a more consistent scratch pattern
- Resists tearing
- Conformable and flexible
- Resists loading
- Increases productivity

DIM DIA x H [MM]	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
150mm dia. NO Hole	80	50	H233	66623320506	9310357216667
	40	50	H233	66623320507	9310357216674
	60	50	H233	66623320508	9310357216681
	80	100	A297	66623320509	9310357216698
	100	100	A297	66623320510	9310357216704
	120	100	A297	66623320505	9310357216711
	150	100	A297	66623320511	9310357216728
	180	100	A297	66623320512	9310357216735
	220	100	A297	66623320513	9310357216805
	240	100	A297	66623320514	9310357216742
	280	100	A297	66623320515	9310357216759
	320	100	A297	66623320516	9310357216766
	400	100	A297	66623320517	9310357216773
150mm dia. 6+1 HOLE	80	100	A297	66623320530	9310357216926
	120	100	A297	66623320532	9310357216940
	150	100	A297	66623320533	9310357216957
	180	100	A297	66623320534	9310357216964
	240	100	A297	66623320535	9310357216971

DIM DIA x H [MM]	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
200mm dia. NO HOLE	36	50	H233	66623320518	9310357216780
	40	50	H233	66623320519	9310357216797
	60	50	H233	66623320520	9310357216803
	80	100	A297	66623320521	9310357216810
	100	100	A297	66623320522	9310357216827
	120	100	A297	66623320523	9310357216834
	180	100	A297	66623320524	9310357216858
	240	100	A297	66623320525	9310357216865
200 mm dia. 8+1 HOLE	36	50	H233	66623320565	9310357217008
	80	100	A297	66623320538	9310357217015

## STICK 'N' SAND PAPER DISCS

### STICK 'N' SAND DISCS ON A ROLL A275

BETTER 

**A275OP™**



#### FEATURES

- Premium, heat-treated high performance aluminium oxide abrasive
- Unique fibre-reinforced latex paper
- Water based No-Fil
- No pigment in No-Fil paper

#### BENEFITS

- Faster cut rate
- Improved performance
- more consistent uniform scratch pattern
- Flexible & tear resistant
- Improved load resistance
- No risk of colour transfer
- Allows contour sanding without cutting through coating layer & easy grit identification

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
150mm dia. NO HOLE	100	1	A275	66623320622	9310357221845
	180	1	A275	66623320625	9310357221876
	240	1	A275	66623320626	9310357221883

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
150mm dia. NO HOLE	P80	6	A275	66261131481	3157625809413
	P100	6	A275	66261131480	3157625809406
	P120	6	A275	66261131479	3157625687936
	P150	6	A275	66261131478	3157625809383
	P180	6	A275	66261131477	3157625809376
	P240	6	A275	66261131475	3157625809352



## CUT SHEETS

Norton offers a full range of cut sheets for hand and machine use, providing a range of efficient, user-friendly abrasive solutions. The extended range of dimensions and grits complies with all commonly encountered applications.

### APPLICATIONS & MARKETS

- Flatten sharp edges & large surface areas
- Deburring
- Removing sanding scratches

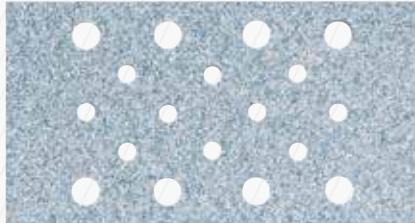


### MULTI-AIR CUT SHEETS

#### MULTI-AIR PLUS A975

BEST INNOVATION

**MULTI-AIR<sup>+</sup>**



#### FEATURES

- Norton SG Ceramic abrasive blended with premium heat-treated aluminium oxide
- Unique reinforced latex paper
- Water based No-Fil
- No pigment in No-Fil or bond
- Improved performance
- Ideal for large surface area

#### BENEFITS

- Higher & faster cut rate
- Consistent & uniform scratch pattern
- Combines flexibility with tear resistance
- Resists clogging during use
- No risk of colour transfer
- Extended life
- Less downtime

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
70 x 125	80	50	A975	69957394456	3157625736184
	120	50	A975	69957394457	3157625736191
	180	50	A975	69957394459	3157625736214
	240	50	A975	69957394460	3157625736221
	320	50	A975	69957394461	3157625736238
70 x 198	80	50	A975	69957394470	3157625736344
	120	50	A975	69957394472	3157625736351
	180	50	A975	69957394474	3157625736375
	240	50	A975	69957394475	3157625736382
	320	50	A975	69957394477	3157625736399

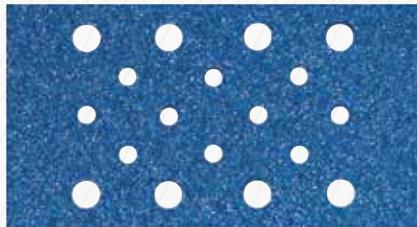
DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
70 x 420	80	50	A975	69957394463	3157625736252
	120	50	A975	69957394464	3157625736269
	180	50	A975	69957394466	3157625736283
	240	50	A975	69957394467	3157625736306
	320	50	A975	69957394468	3157625736313
115 x 230	80	50	A975	69957394479	3157625736412
	120	50	A975	69957394481	3157625736429
	180	50	A975	69957394483	3157625736443
	240	50	A975	69957394484	3157625736467
	320	50	A975	69957394485	3157625736474

## MULTI-AIR CUT SHEETS

### MULTI-AIR H835

BEST +++++ INNOVATION

**MULTI AIR**



#### FEATURES

- Latest Norzon grain design
- High strength paper backing (E-weight)
- Open grain distribution
- Full resin bond system

#### BENEFITS

- Self-sharpening grain
- Improved cut rate for higher productivity
- Extended product life
- Reduces curling & edge chipping
- Tear resistant
- Prevents premature clogging
- Strong & Improved grain adhesion

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
70 x 125	40	50	H835	69957394449	3157625736108
	60	50	H835	69957394350	3157625736009
	80	50	H835	69957394355	3157625736016
	120	50	H835	69957394357	3157625736023
70 x 198	40	50	H835	69957394363	3157625736078
	60	50	H835	69957394367	3157625736085
	80	50	H835	69957394369	3157625736092
	120	50	H835	69957394451	3157625736122

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
70 x 425	40	50	H835	69957394450	3157625736115
	60	50	H835	69957394358	3157625736047
	80	50	H835	69957394360	3157625736054
	120	50	H835	69957394361	3157625736061
115 x 230	40	50	H835	69957394452	3157625736139
	60	50	H835	69957394453	3157625736146
	80	50	H835	69957394454	3157625736153
	120	50	H835	69957394455	3157625736177

## MULTI-AIR SANDING BLOCKS

### ACCESSORIES



- Multi-Air Sanding Blocks eliminate dust and increase the surface cut area, improving productivity
- The multi-hole perforations in the sanding sheet and block allows sanding particles to be drawn into the sanding chamber and away from the surface for full visual control of the work area.
- For use with a vacuum system and Multi-Air cut sheets.
- Special shaped blocks are available for interchangeable surfaces developed for concave and convex sanding panels.

DESCRIPTION	PK QTY	PRODUCT CODE	BARCODE
A. Multi-Air Sanding Blocks 70 x 125mm	1	69957396645	3157625750326
B. Multi-Air Sanding Blocks 70 x 198mm	1	69957396646	3157625750333
C. Multi-Air Sanding Blocks 70 x 400mm	1	69957396648	3157625750364
D. Multi-Air Sanding Blocks 115 x 230mm	1	69957396644	3157625750319
E. Flexible 4m Vacuum Pipe	1	07660767979	3157625772779
F. Multi-Air Sanding Block Kit (consists of A,B,C,D)	1	69957396649	3157625750371
G. Fits Multi-Air 150mm discs	1	077696024493	

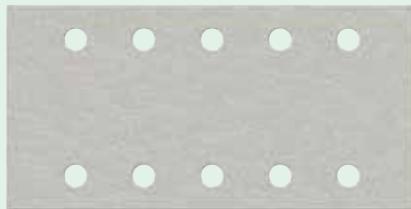


## VACUUM SHEETS

### NO-FIL SPEED GRIP SHEETS A297

GOOD +++

NORTON  
SAINT-GOBAIN



#### FEATURES

- "P" graded premium aluminium oxide grain
- Strong B weight latex/paper backing
- Water-based, non-loading stearate
- Available in Norgrip grits P80 - 800 & Soft-Touch Norgrip grits P220 - 800

#### BENEFITS

- Produces a quick, cool cut
- Produces a more consistent scratch pattern
- Resists tearing
- Conformable and flexible
- Resists loading
- Increases productivity

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
	80	50	A297	66623320320	9310357221500
	120	50	A297	66623320321	9310357221517
	180	50	A297	66623320322	9310357221524
	240	50	A297	66623320323	9310357221531
	40	50	H233	66623320297	9310357220343
	80	50	A297	66623320299	9310357220350
	120	50	A297	66623320300	9310357220367
	180	50	A297	66623320301	9310357220374

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
	40	50	H233	66623320294	9310357220282
	80	50	A297	66623320308	9310357220725
	120	50	A297	66623320310	9310357220749
	180	50	A297	66623320311	9310357220756
	240	50	A297	66623320312	9310357220763
	320	50	A297	66623320296	9310357220336



## PAPER SHEETS

### ADALOX CUT SHEETS G216

GOOD +++



#### FEATURES

- Aluminium oxide abrasive
- E-weight paper backing

#### BENEFITS

- Good performance
- Economy product

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
70 x 460mm	36	50	G216	66623320220	9310357205142
	40	50	G216	66623320221	9310357205159
	60	50	G216	66623320211	9310357205166
	80	50	G216	66623320212	9310357206194
	120	50	G216	66623320216	9310357205111

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
115 x 280mm	36	50	G216	66623320219	9310357201113
	40	50	G216	66623320222	9310357201120
	60	50	G216	66623320218	9310357201137
	80	50	G216	66623320213	9310357201144
	100	50	G216	66623320215	9310357201151
	120	50	G216	66623320217	9310357201168

### SLOTTED SHEETS

GOOD +++



#### FEATURES

- Adalox
- Aluminium oxide abrasive
  - E-weight paper backing

#### Screen Mesh

- Silicon carbide abrasive on an open mesh backing

#### BENEFITS

- Adalox
- Good performance
  - Economy product

#### Screen Mesh

- Extreme resistance to loading
- Long life, waterproof

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
108 x 372mm	120	20	G216	66623320339	9310357259756
	150	20	H231	66623320340	9310357259763
	180	20	H231	66623320341	9310357259770

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
108 x 372mm	120	20	Q421	66623320342	9310357259787
	220	20	Q421	66623320343	9310357259794



## SPEED GRIP ROLLS

### ADALOX SPEED GRIP ROLLS G216

GOOD +++



#### FEATURES

- Aluminium oxide abrasive
- E-weight paper backing
- FSC mix certified paper backing

#### BENEFITS

- Good performance
- Economy product for sanding wood, paint & plaster
- Responsibly sourced, environmentally friendly

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
115mm x 25m ROLL	36	1	G216	66623321069	9310357247753
	40	1	G216	66623321070	9310357247760
	80	1	G216	66623321071	9310357247777

### ADALOX SPEED GRIP ROLLS A297

GOOD +++



#### FEATURES

- "P" graded premium aluminium oxide grain
- Strong C-weight latex/paper backing
- Water-based non-loading stearate
- Available in Norgrip grits P80-400 & P120 - 320

#### BENEFITS

- Produces a quick, cool cut
- Produces a more consistent scratch pattern
- Resists tearing
- Conformable and flexible
- Resists loading
- Increases productivity

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
115mm x 25m ROLL	120	1	A297	66623321072	9310357247784
	180	1	A297	66623321073	9310357247791
	240	1	A297	66623321074	9310357258476
	320	1	A297	66623321075	9310357258483

## SPEED GRIP ROLLS

### BEAR-TEX ROLLS

GOOD +++

**BEAR-TEX®**



#### FEATURES

- High quality aluminium oxide or silicon carbide grain
- Uniform web construction
- Can be cut to exact sizes needed
- Flexible for hand and machine use
- Non-loading
- Resilient construction

#### BENEFITS

- Long product life
- Controlled aggressiveness
- Economical; minimal waste
- conforms to contours of work surface & provides a uniform finish
- Continual supply of new cutting edges
- No contamination of the workpiece
- Waterproof & solvent resistant

DIM DIA x H [MM]	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
115mm x 25m ROLL	Very Fine	1	796	66623321813	9310357221593
	Very Fine	1	747	66623321812	9310357221586
	Micro Fine	1	748	66623321810	9310357210573
	Non Abrasive	1	456	66623321811	9310357221579





## SANDING SHEETS

Norton offers a wide range of paper, cloth & waterproof sheets for use in all commonly encountered industrial applications.

### APPLICATIONS & MARKETS

- Metal sanding
- Bare wood sanding
- Sanding between coats
- Scale & rust removal
- Scouring & light deburring



### 230 x 280mm SANDING SHEETS

#### TUFBAK WATERPROOF SHEETS T417/T404

BEST +++++ INNOVATION



#### FEATURES

- Premium, ultra fine silicon carbide abrasive
- Advanced resin bond system
- Advanced, A-weight paper backing

#### BENEFITS

- Best finish on wet clear-coat
- Waterproof
- Ultimate flexibility

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
230 x 280mm	60	50	T417	66623320254	9310357213406
	80	50	T417	66623320255	9310357213413
	100	50	T417	66623320256	9310357213420
	120	50	T417	66623320257	9310357213437
	150	50	T417	66623320258	9310357213444
	180	50	T417	66623320259	9310357213451
	220	50	T417	66623320260	9310357213468
	240	50	T417	66623320261	9310357213475
	280	50	T417	66623320262	9310357213482
	320	50	T417	66623320263	9310357213499

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
230 x 280mm	360	50	T417	66623320264	9310357213505
	400	50	T417	66623320265	9310357213512
	500	50	T417	66623320266	9310357213529
	600	50	T417	66623320267	9310357213536
	800	50	T417	66623320268	9310357213543
	1000	50	T417	66623320269	9310357213550
	1200	50	T417	66623320270	9310357213567
	1500	50	T404	66623320337	9310357256731
	2000	50	T404	66623320338	9310357256748

## 230 x 280mm SANDING SHEETS

### 2K TUFBAK WATERPROOF SHEETS T226

BEST INNOVATION



#### FEATURES

- Aluminium oxide abrasive
- Waterproof paper backing
- Shallow scratch pattern

#### BENEFITS

- Multi purpose product
- Advanced product
- Flexible
- Suitable for finishing clear coat

DIM DIA x H [MM]	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
230 x 280mm	240	50	T226	66623320283	9310357214922
	320	50	T226	66623320284	9310357214939
	400	50	T226	66623320285	9310357215646
	600	50	T226	66623320286	9310357215653

DIM DIA x H [MM]	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
230 x 280mm	800	50	T226	66623320287	9310357214960
	1000	50	T226	66623320371	9310357215820
	1200	50	T226	66623320288	9310357214977
	1500	50	T226	66623320406	9310357215844

### SANDING SHEETS A275

BEST INNOVATION



#### FEATURES

- Premium, aluminium oxide grain
- Fibre-reinforced latex, B-weight paper
- No-Fil layer
- No pigment in No-Fil or bonding system

#### BENEFITS

- Long lasting, fast cut rate
- Tear resistant
- Resists loading & extends life
- No risk of colour transfer

DIM DIA x H [MM]	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
230 x 280mm	80	50	A275	66261131634	9310357258674
	100	100	A275	66261131633	9310357258681
	120	100	A275	66261131632	9310357258698
	150	100	A275	66261131631	9310357258704
	180	100	A275	66261131630	9310357248934
	220	100	A275	66261131629	9310357248941
	240	100	A275	66261131628	9310357248958
	280	100	A275	66261131627	9310357248965

DIM DIA x H [MM]	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
230 x 280mm	320	100	A275	66261131626	9310357248972
	400	100	A275	66261131624	9310357248989
	500	100	A275	66261131623	9310357248996
	600	100	A275	66261131622	9310357249009
	800	100	A275	66261131621	9310357249016
	1000	100	A275	66261131620	9310357258711
	1200	100	A275	66261131619	9310357258728
	1500	100	A275	66261131618	9310357258735



## 230 x 280mm SANDING SHEETS

### NO-FIL SANDING SHEETS A239

BETTER + + +



#### FEATURES

- "P" graded premium aluminium oxide grain
- Strong B & C weight latex/paper backing
- Water-based non-loading stearate

#### BENEFITS

- Produces a quick, cool cut
- Produces a more consistent scratch pattern
- Resists tearing
- Conformable and flexible
- Resists loading
- Increases productivity

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
230 x 280mm	80	50	A239	66623320272	9310357213581
	100	50	A239	66623320273	9310357213598
	120	50	A239	66623320274	9310357213604
	150	50	A239	66623320275	9310357213611
	180	50	A239	66623320276	9310357213628
	220	50	A239	66623320277	9310357213635

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
230 x 280mm	240	50	A239	66623320278	9310357213642
	280	50	A239	66623320279	9310357213659
	320	50	A239	66623320280	9310357213666
	360	50	A239	66623320281	9310357213673
	400	50	A239	66623320282	9310357213680

### CABINET SANDING SHEETS A294

GOOD + +



#### FEATURES

- Aluminium oxide abrasive
- C-weight paper backing

#### BENEFITS

- Aggressive cutting action for all dry sanding applications
- Heavy & light duty hand sanding

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
230 x 280mm	40	50	A294	77696072366	9310357281610
	60	50	A294	77696072367	9310357281627
	80	50	A294	77696072368	9310357281634
	100	50	A294	77696072369	9310357281641

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
230 x 280mm	120	50	A294	77696072370	9310357281658
	150	50	A294	77696072371	9310357281665
	180	50	A294	77696072372	9310357281672
	220	50	A294	77696072373	9310357281689

## 230 x 280mm SANDING SHEETS

### CLOTH BACKED METAL SANDING SHEETS K283

GOOD +++



#### FEATURES

- Aluminium oxide abrasive
- J-weight cloth backing

#### BENEFITS

- Flexible product

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
230 x 280mm	40	50	K283	66623320224	9310357201052
	60	50	K283	66623320223	9310357201069
	80	50	K283	66623320231	9310357201076
	100	50	K283	66623320230	9310357201083

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
230 x 280mm	120	50	K283	66623320229	9310357201090
	150	50	K283	66623320228	9310357206484
	180	50	K283	66623320232	9310357201106
	240	50	K283	66623320227	9310357206491

### SOFT TOUCH SPONGES

BETTER +++



#### FEATURES

- Multi-purpose
- Flexible
- Washable

#### BENEFITS

- Can be used wet or dry
- Conform to surface shapes & contours, providing a uniform finish
- Can reach areas inaccessible to sandpaper sheets
- Can be reused, giving added product life

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
114 x 140 x 5mm	180/120	20	Medium	07660703074	076607030740
	400/320	20	Fine	07660703075	7702301118219
	600/500	20	Super Fine	07660703076	7702301118233

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
114 x 140 x 5mm	1000/800	20	Ultra Fine	07660703077	076607030771
	1500/1200	20	Micro Fine	07660703078	076607030788



## SANDPAPER ROLLS

### FLEXI SAND BLOCKS

BETTER +++



#### FEATURES

- Multi purpose
- Flexible
- Washable

#### BENEFITS

- Can be used wet or dry
- Conforms to surface shapes and contours providing a uniform finish
- Can reach areas inaccessible to sandpaper sheets
- Can be washed and re-used giving added product life

DIM (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
		10	Medium/ Fine	66623320008	9310357701224
		10	Medium/ Coarse	66623320009	9310357701231

### DUAL ANGLE FLEXI SAND BLOCKS

BETTER +++



#### FEATURES

- Multi purpose
- Flexible
- Washable

#### BENEFITS

- Can be used wet or dry
- Conforms to surface shapes and contours providing a uniform finish
- Can reach areas inaccessible to sandpaper sheets
- Can be washed and re-used giving added product life

DIM (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
		10	Medium/ Fine	66623322163	9415900000868
		100	Medium/ Fine	66623322164	9310357725459

# PAPER ROLLS

Coated abrasive rolls are ideal for fast easy sanding of various materials. They can be torn to exact lengths as needed.

## APPLICATIONS & MARKETS

- Light deburring
- Removing rust & scale
- Sanding & polishing
- Bare wood sanding
- Hand sanding
- Machine sanding on eccentric sanders
- Paint & plaster sanding
- Floor sanding



## SANDPAPER ROLLS

### MASTER PAINTER SANDPAPER ROLLS A123

BETTER

NORTON  
SAINT-GOBAIN



#### FEATURES

- D-Weight backing
- Aluminium oxide abrasive
- Perforated every metre

#### BENEFITS

- Economy product for sanding wood, paint and plaster
- Good performance
- Responsibly sourced, environmentally friendly

DIM (MM)	GRIT	PACK QTY	SIZE	PRODUCT CODE	BARCODE
WIDTH mm x LENGTH m	40	1	100 mm x 25 m	66623320822	9310357710455
	60	1	100 mm x 32 m	66623320825	9310357710462
	80	1	100 mm x 36 m	66623320824	9310357710479
	120	1	100 mm x 40 m	66623320823	9310357710486
WIDTH mm x LENGTH m	40	1	115 mm x 25 m	66623320754	9310357710509
	60	1	115 mm x 32 m	66623320755	9310357710516
	80	1	115 mm x 36 m	66623320756	9310357710523
	120	1	115 mm x 40 m	66623320757	9310357710530

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
WIDTH mm x LENGTH m	40	1	150 mm x 25 m	66623320829	9310357710554
	60	1	150 mm x 32 m	66623320827	9310357710561
	80	1	150 mm x 36 m	66623320826	9310357710578
	120	1	150 mm x 40 m	66623320828	9310357710585



## SANDPAPER ROLLS

### NO-FIL SANDPAPER ROLLS A239



#### FEATURES

- Fibre-reinforced latex, B & C-Weight paper
- Aluminium oxide abrasive
- Perforated every metre

#### BENEFITS

- Suitable for use on primer, paint filler & coating sanding (for automotive & transport applications) and wood
- Long lasting, fast cut rate
- Good finish
- Resists loading & extends life

DIM (MM)	GRIT	PACK QTY	SIZE	PRODUCT CODE	BARCODE
	80	1	100 mm x 25 m	66623320856	9310357710608
	120	1	100 mm x 25 m	66623320858	9310357710615
WIDTH mm x LENGTH m	180	1	100 mm x 25 m	66623320854	9310357710622

DIM DIA x H (MM)	GRIT	PACK QTY	SIZE	PRODUCT CODE	BARCODE
	80	1	115 mm x 25 m	66623320855	9310357710660
	120	1	115 mm x 25 m	66623320857	9310357710684
WIDTH mm x LENGTH m	180	1	115 mm x 25 m	66623320853	9310357710707
	240	1	115 mm x 25 m	66623320874	9310357710714

### NO-FIL SANDPAPER ROLLS A297



#### FEATURES

- "P" graded premium aluminium oxide grain
- Strong C weight paper backing
- Water-based, non-loading stearate

#### BENEFITS

- Produces a quick, cool cut
- Produces a more consistent scratch pattern
- Resists tearing
- Conformable and flexible
- Resists loading
- Increases productivity

DIM (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
	80	1	A297	66623321148	9310357216506
70 mm x 90 m	120	1	A297	66623321151	9310357216520
	180	1	A297	66623321154	9310357216544

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
	80	1	A297	66623321149	9310357216407
115 mm x 50 m	100	1	A297	66623321150	9310357216414
	120	1	A297	66623321152	9310357216421
	150	1	A297	66623321153	9310357216438
	180	1	A297	66623321155	9310357216445
	240	1	A297	66623321156	9310357216452
	320	1	A297	66623321157	9310357216469

## SANDPAPER ROLLS

### ADALOX SANDPAPER ROLLS G216

GOOD +++

**NORTON**  
SAINT-GOBAIN



#### FEATURES

- E-weight backing
- Aluminium oxide abrasive

#### BENEFITS

- Economy product for sanding wood, paint and plaster
- Good performance

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
70 mm x 50 m ROLL	36	1	G216	66623320869	9310357204657
	40	1	G216	66623320870	9310357204664
	60	1	G216	66623320844	9310357204671
	80	1	G216	66623320843	9310357204688
	100	1	G216	66623321139	9310357216254
	120	1	G216	66623320906	9310357215776
100 mm x 50 m ROLL	40	1	G216	66623321114	9310357256847
	60	1	G216	66623321115	9310357256854
	80	1	G216	66623321116	9310357256861
	100	1	G216	66623321117	9310357256878
	120	1	G216	66623321118	9310357256885

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
115 mm x 50 m ROLL	36	1	G216	66623320847	9310357204695
	40	1	G216	66623320774	9310357204701
	60	1	G216	66623320768	9310357204718
	80	1	G216	66623320773	9310357204725
	100	1	G216	66623320766	9310357215783
	120	1	G216	66623320830	9310357212966
150 mm x 50 m ROLL	40	1	G216	66623320775	9310357201670
	60	1	G216	66623321023	9310357256908
	80	1	G216	66623320763	9310357201694
	100	1	G216	66623321140	9310357244998
	120	1	G216	66623321141	9310357245025
	150	1	G216	66623321158	9310357245087

## CORK SANDING BLOCK

## ACCESSORIES



A rugged cork sanding block that requires no adhesive to fasten the abrasive paper to it. Just simply wrap the abrasive paper around the block and sand. Slide the sandpaper along the block to refresh the abrasive surface. All four sides can be used.

DIM (MM) W x L x H	PK QTY	PRODUCT CODE	BARCODE
?? x ?? x ??	24	66623320006	9310357701200



## HANDY ROLLS

### HANDY ROLLS K283

GOOD +++



#### FEATURES

- J-weight cloth backing
- Aluminium oxide abrasive

#### BENEFITS

- Economy product for metal polishing and de-burring
- Good performance

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
25 mm x 50 m DISPENSER	40	1	K283	66623320800	9310357201724
	60	1	K283	66623320795	9310357201731
	80	1	K283	66623320801	9310357201748
	100	1	K283	66623320804	9310357201755
	120	1	K283	66623320811	9310357201762
	150	1	K283	66623320812	9310357251330
	180	1	K283	66623320821	9310357201779
	240	1	K283	66623320818	9310357201786
	320	1	K283	66623320815	9310357201793
40 mm x 50 m DISPENSER	40	1	K283	66623320798	9310357207726
	60	1	K283	66623320797	9310357207764
	80	1	K283	66623320803	9310357201823
	100	1	K283	66623320806	9310357207634
	120	1	K283	66623320810	9310357201847
	150	1	K283	66623320808	9310357207665
	180	1	K283	66623320820	9310357207689
	240	1	K283	66623320816	9310357207696
	320	1	K283	66623320814	9310357207702

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
50 mm x 50 m DISPENSER	40	1	K283	66623320799	9310357201885
	60	1	K283	66623320796	9310357201892
	80	1	K283	66623320802	9310357201908
	100	1	K283	66623320805	9310357201915
	120	1	K283	66623320809	9310357201922
	150	1	K283	66623320807	9310357207672
	180	1	K283	66623320819	9310357201939
	240	1	K283	66623320817	9310357201946
	320	1	K283	66623320813	9310357201953



#### SPEC CHECK

- K283 handy rolls are designed for manual applications. The flexibility of the cloth in combination with the wide grit range, from coarse to fine, provides an excellent tool for a variety of applications including deburring, rust removal & finishing metal
- Handy rolls are packaged in a protective, convenient dispenser which eliminates costly waste & permits neat, easy storage



## ROTOLO FOAM ROLLS

### ROTOLO ROLLS A275

BETTER +++

**A275OP™**



#### FEATURES

- A275 Norton Pro premium abrasive paper
- Special No-Fil coating
- Flexible foam backing
- Water-resistant
- 25m long roll of pre-cut sheets
- Packed in innovative dispenser box

#### BENEFITS

- Excellent for fine sanding with high finishing level
- Reduces clogging
- Ideal for use on round edges, contours & curves without breaking through the paint surface. Easy gripping
- Washable
- Easy to use & economical
- New Easy cut upgraded
- Easy to handle, protected against dust

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
 115 mm x 25 m DISPENSER	180	1	A275	66254499717	9310357266686
	240	1	A275	66254499719	3157629341506
	280	1	A275	66254499720	9310357247555
	320	1	A275	66254499721	3157629341827

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
 115 mm x 25 m DISPENSER	400	1	A275	66254499722	3157629341834
	500	1	A275	66254499723	3157629341841
	600	1	A275	66254499724	9310357247553
	800	1	A275	66254499725	3157629341865

### PRODUCT SELECTION GUIDE

APPLICATION	GRIT	COLOUR
<b>ROTOLO FOAM ROLLS A275</b>		
Sanding of body filler	180	Purple
Sanding of finishing filler	240	Electric Blue
Sanding cataphoretic coats & primer	280	Grey
Sanding polyurethane primer	320	Salmon
	400	Yellow
	500	Dark Blue
	600	Fuchsia
Cutting back lacquer before a flush joint	800	Turquoise



#### SPEC CHECK

- Rotolo Foam pre-cut sheets, conveniently packaged in a roll form, are ideal for fine sanding on round edges, contours & curves, providing an outstanding finish on primers & top coats. The secret of Rotolo Foam lies in the combination of Norton Pro A275 sanding paper & the special foam backing
- To ease product recognition, box labels are colour-coded to a specific grit size. The colour-coding follows the Norton Pro grit colour-coding system





## FILE BELTS

Norton offers a range of file belts designed to perform on intricate shapes and contours.

### APPLICATIONS & MARKETS

- Light deburring & blending
- Spot repairs
- General clean-up & finishing



### FILE BELTS

#### BLAZE POWERFILE BELTS R980

BEST INNOVATION

**BLAZE**®



Same Blaze toughness in a small size ideal for working in difficult areas.

#### FEATURES

- New generation SG ceramic grain
- New formulation of Supersize layer
- High performance resin system
- YY polyester backing for coarse grits (40 - 80)
- Available in grits P40, 60 & 80

#### BENEFITS

- Longer belt life
- High stock removal
- Advanced cooling system
- Less off hand pressure required to cut
- Reduced heat generation
- Maximum performance
- Fast and consistent cut rate
- Cost reduction per part

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
10 X 330 mm	40	50	R980P	66261030010	662610300101
	60	50	R980P	66261030011	662610300118
	80	50	R980P	66261030012	662610300125
12 X 305 mm	40	50	R980P	69957398018	699573980187
	60	50	R980P	69957398019	699573980194
	80	50	R980P	69957398020	699573980200
12 X 330mm	40	50	R980P	66261030013	662610300132
	60	50	R980P	66261030014	662610300149
	80	50	R980P	66261030015	662610300156
12 X 457 mm	40	50	R980P	69957398021	699573980217
	60	50	R980P	69957398022	699573980224
	80	50	R980P	69957398023	699573980231

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
12 X 610 mm	40	50	R980P	69957398024	699573980248
	60	50	R980P	69957398025	699573980255
	80	50	R980P	69957398026	699573980262
20 X 457 mm	40	50	R980P	69957398027	699573980279
	60	50	R980P	69957398028	699573980286
	80	50	R980P	69957398029	699573980293
20 x 520mm	40	50	R980P	69957398030	699573980309
	60	50	R980P	69957398031	699573980316
	80	50	R980P	69957398032	699573980323

## FILE BELTS

### NORZON POWERFILE BELTS R824

BETTER + + +

**NorZon**<sup>®</sup>



#### FEATURES

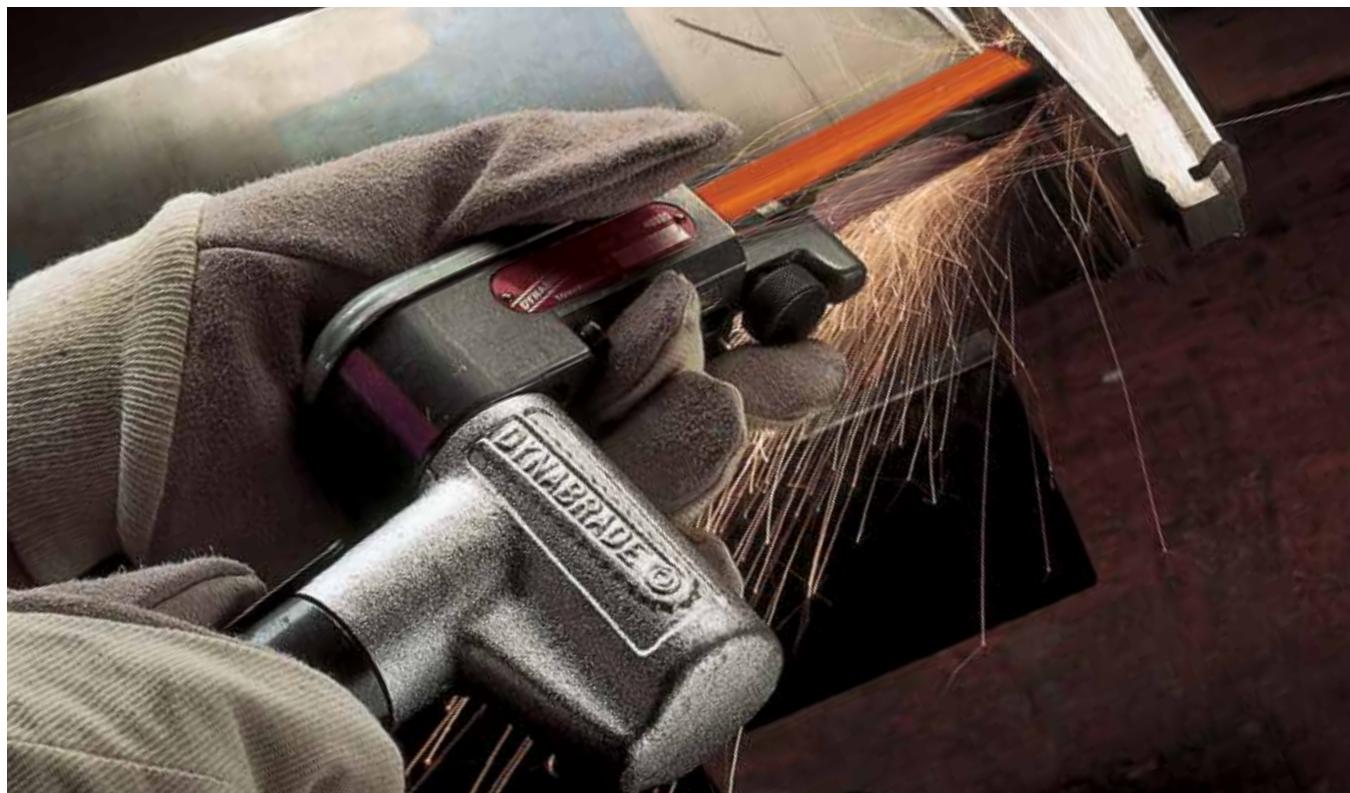
- Strong polyester cloth
- Zirconia alumina abrasive
- High performance phenolic resin
- Grit availability: P40 - 80

#### BENEFITS

- Excellent belt performance on medium to hard contact wheels
- Good consistent cut rate even at low and medium pressure
- Low heat generation reduces risk of burn
- Excellent on various material types; from Stainless Steel to Inconel to Titanium
- Reduce your cost per part

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
10 X 330 mm	40	10	R824	66623322250	9310357254515
	60	10	R824	66623322245	9310357247920
	80	10	R824	66623322246	9310357247937
13 X 330 mm	40	10	R824	66623322251	9310357249818
	60	10	R824	66623322244	9310357219064

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
20 x 520 mm	40	10	R824	66623322247	9310357247944
	60	10	R824	66623322249	9310357247951
	80	10	R824	66623322248	9310357247698





## FILE BELTS

### POWERFILE BELTS R295

GOOD +++



#### FEATURES

- Heavy polyester cloth
- Premium aluminium oxide
- Active filler

#### BENEFITS

- Good performance
- Improved grain adhesion
- For use on metal & wood edgings
- For extended product life
- Improved life on metal applications

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
30 x 533	40	10	R295	66623321250	9310357210801
	60	10	R295	66623321251	9310357212461
	80	10	R295	66623321252	9310357210795
	120	10	R295	66623325253	9310357212485

### POWERFILE BELTS R219

GOOD +++



#### FEATURES

- Heavy cotton cloth
- Premium aluminium oxide abrasive

#### BENEFITS

- For semi-finishing operations
- Standard general purpose cloth for metal application

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
30 x 533	40	10	R219	66623389205	9310357271475
	60	10	R219	66623389206	9310357271482
	80	10	R219	66623389207	9310357271499
	120	10	R219	66623389208	9310357271505

# PORTABLE BELTS

Norton offers portable belts in a variety of sizes, designed to fit the most common types of machine. Portable belts are designed for all metal and wood working applications.

All Norton belts are supplied with butt joints for easy mounting and smoother work.

## APPLICATIONS & MARKETS

- Surface grinding & finishing of all metals
- Blending welds
- Sanding & finishing wood
- Floor sanding



## PORTABLE MACHINE BELTS R219

GOOD

**NORTON**  
SAINT-GOBAIN



### FEATURES

- Strong cloth backing
- Aluminium oxide abrasive
- Open grain distribution

### BENEFITS

- Multi-purpose product ideal for sanding wood & grinding metal
- Good cutting rate
- Reduced clogging on loading material such as wood & aluminium

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
75 x 457	40	10	R219	66623381791	9310357271598
	60	10	R219	66623381802	9310357271604
	80	10	R219	66623381812	9310357271611
	100	10	R219	66623381821	9310357271628
	120	10	R219	66623381829	9310357271635
75 x 480	40	10	R219	66623381792	9310357271642
	60	10	R219	66623381803	9310357271659
	80	10	R219	66623381813	9310357271666
	120	10	R219	66623381830	9310357271673
75 x 533	40	10	R219	66623381793	9310357271727
	60	10	R219	66623381804	9310357271734
	80	10	R219	66623381814	9310357271741
	100	10	R219	66623381822	9310357271758
	120	10	R219	66623381831	9310357271765
75 x 610	40	10	R219	66623381794	9310357271772
	60	10	R219	66623381805	9310357271789
	80	10	R219	66623381815	9310357271796
	100	10	R219	66623381823	9310357271802
	120	10	R219	66623381832	9310357271819

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
100 x 533	40	10	R219	66623381795	9310357271826
	60	10	R219	66623381806	9310357271833
	80	10	R219	66623381816	9310357271840
	120	10	R219	66623381833	9310357271864
100 x 560	40	10	R219	66623381796	9310357271871
	80	10	R219	66623381817	9310357271895
	120	10	R219	66623381834	9310357271918
	40	10	R219	66623381797	9310357271925
100 x 610	60	10	R219	66623381807	9310357271932
	80	10	R219	66623381818	9310357271949
	100	10	R219	66623381824	9310357271956
	120	10	R219	66623381835	9310357271963



## NARROW BELTS FOR METAL

A wide selection of sizes and grits for most dimensioning, intermediate grinding and polishing applications.

### APPLICATIONS & MARKETS

- Grinding & deburring
- Heavy stock removal
- Blending, dimensioning & shaping
- Finishing
- Polishing



### NARROW BELTS

#### BLAZE NARROW BELTS R980

BEST INNOVATION

**BLAZE**®



#### FEATURES

- New generation SG ceramic grain
- New formulation of Supersize layer
- High performance resin system
- YY polyester backing for coarse grits (40 - 80)
- Available in grits P36, 40, 60 & 80
- Other grits available - made to order

#### BENEFITS

- Longer belt life
- High stock removal
- Advanced cooling system
- Less off hand pressure required to cut
- Reduced heat generation
- Maximum performance
- Fast and consistent cut rate
- Cost reduction per part

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
50 x 914	36	5	R980P	66623321457	9310357268895
	40	5	R980P	66623321458	9310357268918
	60	5	R980P	66623321459	9310357268932
	80	5	R980P	66623321460	9310357268956
50 x 1220	36	5	R980P	66623321461	9310357268970
	40	5	R980P	66623321462	9310357268994
	60	5	R980P	66623321463	9310357269014
	80	5	R980P	66623321464	9310357269038
50 x 1520	36	5	R980P	66623321465	9310357269359
	40	5	R980P	66623321466	9310357269373
	60	5	R980P	66623321467	9310357269397
	80	5	R980P	66623321468	9310357269410

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
75 x 2000	36	5	R980P	66623321469	9310357269274
	40	5	R980P	66623321470	9310357269298
	60	5	R980P	66623321471	9310357269311
	80	5	R980P	66623321472	9310357269335
100 x 914	36	5	R980P	66623321474	9310357269137
	40	5	R980P	66623321475	9310357269151
	60	5	R980P	66623321476	9310357269175
	80	5	R980P	66623321477	9310357269199

## NARROW BELTS

### RED-X NARROW BELTS R976

BEST +++++ INNOVATION



#### FEATURES

- Strong polyester cloth
- New friable ceramic SG grain
- High performance phenolic resin
- Third layer: a new high performance formulation of supersize
- Grit availability: 36 to 120
- Other sizes available - made to order

#### BENEFITS

- Excellent belt performance on medium to hard contact wheels
- Good consistent cut rate even at low and medium pressure
- Low heat generation reduces risk of burn
- Excellent on various material types; from Stainless Steel to Inconel to Titanium
- Reduce your cost per part

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
50 x 914	36	5	R976X	63642505238	9310357282341
	40	5	R976X	63642505240	9310357282358
	60	5	R976X	63642505243	9310357282365
	80	5	R976X	63642505245	9310357282372
	120	5	R976X	63642505246	9310357282389
50 x 1220	36	5	R976X	63642505247	9310357282396
	40	5	R976X	63642505248	9310357282402
	60	5	R976X	63642505249	9310357282419
	80	5	R976X	63642505250	9310357282426
	120	5	R976X	63642505251	9310357282433
50 x 1520	40	6	R976X	63642505252	9310357282440
	60	6	R976X	63642505253	9310357282457
	80	6	R976X	63642505254	9310357282464
	120	6	R976X	63642505255	9310357282471
50 x 2440	36	6	R976X	63642505373	9310357282488
	40	6	R976X	63642505374	9310357282495
	60	6	R976X	63642505375	9310357282501

DIM DIA x H (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
75 x 2000	36	5	R976X	63642505386	9310357282563
	40	5	R976X	63642505387	9310357282570
	60	5	R976X	63642505388	9310357282587
	80	5	R976X	63642505389	9310357282594
	120	5	R976X	63642505390	9310357282600
100 x 914	36	5	R976X	63642505391	9310357282617
	40	5	R976X	63642505392	9310357282624
	60	5	R976X	63642505393	9310357282631
	80	5	R976X	63642505394	9310357282648
	120	5	R976X	63642505395	9310357282655
100 x 1520	36	5	R976X	63642505403	9310357282662
	40	5	R976X	63642505402	9310357282679
	60	5	R976X	63642505507	9310357282686
	80	5	R976X	63642505508	9310357282693
	120	3	R976X	63642505509	931035728270?
100 x 2440	36	3	R976X	63642505510	9310357282716
	40	3	R976X	63642505511	9310357282723
	60	3	R976X	63642505512	9310357282730
	80	3	R976X	63642505513	9310357282747



## NORZON NARROW BELTS R824

BETTER +++

*NorZon*



### FEATURES

- Y-weight polyester cloth
- Norzon abrasive
- Other sizes available - made to order

### BENEFITS

- Stiff backing for backstand grinding
- Long lasting

DIM DIA x H [MM]	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
50 x 914	Z36	10	R824	66623321296	9310357220770
	Z40	10	R824	66623321297	9310357220787
	Z60	10	R824	66623321298	9310357220794
	Z80	10	R824	66623321299	9310357220800
50 x 1220	Z36	10	R824	66623321301	9310357220817
	Z40	10	R824	66623321300	9310357220824
	Z60	10	R824	66623321302	9310357220831
	Z80	10	R824	66623321303	9310357220848
50 x 1520	Z36	10	R824	66623321304	9310357220855
	Z40	10	R824	66623321305	9310357220862
	Z60	10	R824	66623321306	9310357220879
50 x 2440	Z36	10	R824	66623321307	9310357220886
	Z40	10	R824	66623321308	9310357220893
	Z60	10	R824	66623321310	9310357220916
	Z80	10	R824	66623321311	9310357220923

DIM DIA x H [MM]	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
100 x 914	Z36	10	R824	66623321314	9310357220961
	Z40	10	R824	66623321315	9310357220978
	Z60	10	R824	66623321316	9310357220985
	Z80	10	R824	66623321317	9310357220992
100 x 1520	Z36	10	R824	66623321318	9310357221005
	Z40	10	R824	66623321319	9310357221012
	Z60	10	R824	66623321320	9310357221029
	Z80	10	R824	66623321321	9310357221036
100 x 2440	Z36	10	R824	66623321322	9310357221043
	Z40	10	R824	66623321323	9310357221050
	Z60	10	R824	66623321324	9310357221074
100 x 4270	Z36	10	R824	66623321325	9310357221098
	Z40	10	R824	66623321326	9310357221104
	Z60	10	R824	66623321327	9310357221111







## NARROW BELTS

### NARROW BELTS R219

GOOD +++



#### FEATURES

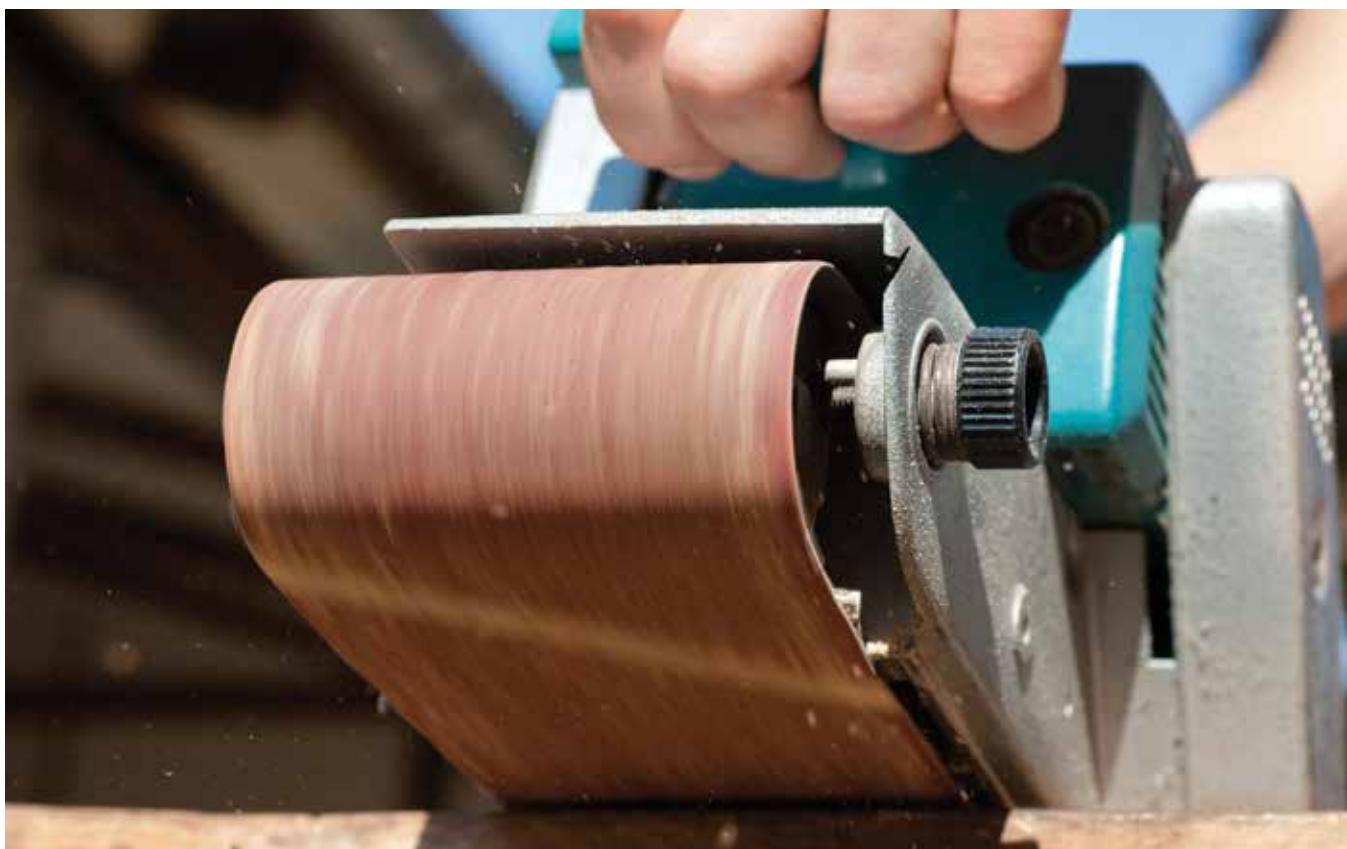
- Strong cloth backing
- Aluminium oxide abrasive
- Open grain distribution

#### BENEFITS

- Multi-purpose product ideal for sanding wood & grinding metal
- Good cutting rate
- Reduced clogging on loading material such as wood & aluminium

DIM DIA x H [MM]	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
50 x 686	40	10	R219	66623381788	9310357271512
	60	10	R219	66623381799	9310357271529
	80	10	R219	66623381809	9310357271536
	120	10	R219	66623381826	9310357271543
50 x 914	40	10	R219	66623381789	9310357271970
	60	10	R219	66623381800	9310357271987
	80	10	R219	66623381810	9310357271994
	100	10	R219	66623381820	9310357272007
	120	10	R219	66623381827	9310357272014

DIM DIA x H [MM]	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
50 x 1220	40	10	R219	66623381790	9310357272021
	60	10	R219	66623381801	9310357272038
	80	10	R219	66623381811	9310357272045
	120	10	R219	66623381828	9310357272069
100 x 914	40	10	R219	66623381798	9310357272076
	60	10	R219	66623381808	9310357272083
	80	10	R219	66623381819	9310357272090
	100	10	R219	66623381825	9310357272106
	120	10	R219	66623381836	9310357272113



# BEAR-TEX HAND PADS

Hand pads are ideal for a broad range of applications from cleaning and finishing to deburring and light polishing operations.

The flexibility of Bear-Tex products ensures constant contact with the surface and prevents cutting or gauging when working.



## HAND PADS & ROLLS

### BEAR-TEX HAND PADS

GOOD **+++**

**BEAR-TEX®**



#### FEATURES

- Flexible
- Gentle action
- Non-loading
- Non-rusting
- Resilient construction
- Easy to cut to desired size
- Perforated pads for clean and easy tearing also available

#### BENEFITS

- Conforms to contours of work surface & provides a uniform finish
- Easily removes burrs without affecting the dimension of the workpiece
- Continual supply of new cutting edges
- No contamination of the workpiece
- Long life, waterproof & solvent resistant
- Can be folded to suit hand / shape
- Perforations allow for smooth, shred free split to create 2 smaller easy to use 115 x 150mm pads

DIM W x L (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
150 x 225 A Oxide	100-150	20	740	66261074000	9310357218708
150 x 225 S Carbide	100-150	20	746	66261074600	9310357218692
150 x 225 A Oxide	240-360	20	777	66261077700	9310357218685
150 x 225 A Oxide	240-360	20	796	66261079600	9310357218661
150 x 225 A Oxide	240-360	20	747	66261074700	9310357218678

DIM W x L (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
150 x 225 S Carbide	600	20	635	66261063500	9310357218654
150 x 225 A Oxide	1000	20	914	66261195914	662611959148
150 x 225 S Carbide	1000-1200	20	748	66261074800	9310357218647
150 x 225	Non Abrasive	10	456	66261045600	9310357206149



## HAND PADS & ROLLS

### BEAR-TEX HAND PADS

GOOD

**BEAR-TEX®**



#### FEATURES

- Strong cloth backing
- Aluminium oxide abrasive
- Open grain construction

#### BENEFITS

- Multi-purpose economy product ideal for sanding wooden floors
- Good cut rate
- Reduced clogging

DIM W x L (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
100mm x 200mm	Very Fine	100	Maroon	63642506166	
	Ultra Fine	100	Grey	63642506167	

### BEAR-TEX HAND ROLLS

GOOD

**BEAR-TEX®**



#### FEATURES

- High quality aluminium oxide or silicon carbide grain
- Uniform web construction
- Can be cut to exact sizes needed
- Flexible for hand and machine use
- Non-rusting
- Resilient construction

#### BENEFITS

- Long product life
- Controlled aggressiveness
- Economical; minimal waste
- Conforms to contours of work surface & provides a uniform finish
- Continual supply of new cutting edges
- No contamination of the workpiece
- Long Life
- Waterproof & solvent resistant

DIM W x L (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
115 mm x 10 m	Very Fine	1	796	66623321813	9310357221593
	Very Fine	1	747	66623321812	9310357221586

DIM W x L (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
115 mm x 10 m	Micro Fine	1	748	66623321810	9310357210573
	Non Abrasive	1	456	66623321811	9310357221579

## HAND PADS & ROLLS

### BEAR-TEX HAND PADS IN ROLLS

GOOD 

**BEAR-TEX®**



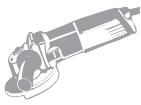
#### FEATURES

- Strong cloth backing
- Aluminium oxide abrasive
- Open grain construction

#### BENEFITS

- Multi-purpose economy product ideal for sanding wooden floors
- Good cut rate
- Reduced clogging

DIM W x L (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
100mm x 200mm	Very Fine	1	Maroon	77696042073	
	Ultra Fine	1	Grey	77696042075	



## RAPID STRIP & RAPID BLEND

### SURFACE BLENDING BELTS

GOOD

**Rapid**  
**PREP**™



#### FEATURES

- Durable fibre construction
- Very sharp abrasive grain
- Rigid, low stretch backing
- Highly resistant to clogging & loading
- Various sizes available
- User friendly

#### BENEFITS

- Long lasting
- High, continuous cut rate
- Excellent performance on hard materials (steels, nickel, alloys etc.)
- Controlled cut
- Gives a consistent finish
- Ideal for belt file machines or backstand finishers
- Reduced risk of workpiece damage

DIM DIA x W [MM]	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
50 x 914	Coarse	2	Brown	66623321816	9310357258490
	Medium	2	Maroon	66623321817	9310357258506
	Very Fine	2	Blue	66623321818	9310357258513
50 x 1220	Coarse	2	Brown	66623321819	9310357258520
	Medium	2	Maroon	66623321820	9310357258537
	Very Fine	2	Blue	66623321821	9310357258544

DIM DIA x W [MM]	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
90 x 400	Coarse	2	Brown	66623321822	9310357258551
	Medium	2	Maroon	66623321823	9310357258568
	Very Fine	2	Blue	66623321824	9310357258575
100 x 914	Coarse	2	Brown	66623321825	9310357258582
	Medium	2	Maroon	66623321826	9310357258599
	Very Fine	2	Blue	66623321827	9310357258605

## PRODUCT SELECTION GUIDE

WHICH GRADE SHOULD I CHOOSE?	
GRADE	FEATURES & BENEFITS
Coarse	Ideal where a less coarse finish or increased flexibility is required & an aggressive cut is necessary
	Removes 60-120 grit grindlines - for light deburring
Medium	Removes 120-180 grit grindlines - for cleaning & rust removal
Very Fine	Provides an excellent & uniform finish, ideal choice for fine finishing & pre-coat finishing
	Removes 180-320 grit grindlines - for finishing, polishing & paint preparation

MATERIALS / APPLICATIONS	DEBURRING	CLEANING	BLEND/FINISH
All metal	Coarse	Medium	Very Fine

## RAPID STRIP & RAPID BLEND

### SURFACE BLENDING DISCS

GOOD +++



#### FEATURES

- Durable fibre construction
- Very sharp abrasive grain
- Rigid, low stretch backing
- Controlled cut & comfortable to use
- Remove and attach quickly (use with Norgrip backing pads)
- Extra coarse grade for de-burring aluminium

#### BENEFITS

- Long lasting & cool running
- High, continuous cut rate, resistant to loading & clogging
- Excellent performance on hard materials (steels, nickel, alloys etc.)
- Consistent finish
- Ideal for sequential finishing using consecutively finer grades
- Reduced clogging or loading

DIM DIA (mm)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
100mm	Coarse	10	Brown	66254441834	9310357218760
	Medium	10	Maroon	66254441841	9310357218777
	Very Fine	10	Blue	66254441849	9310357218865
115mm	Coarse	10	Brown	66254441836	9310357218827
	Medium	10	Maroon	66254441842	9310357218841
	Very Fine	10	Blue	66254441850	9310357218872

DIM DIA (mm)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
127mm	Coarse	10	Brown	66254441838	9310357218834
	Medium	10	Maroon	66254441844	9310357218858
	Very Fine	10	Blue	66254441848	9310357218889
178mm	Coarse	10	Brown	66254441840	9310357218784
	Medium	10	Maroon	66254441846	9310357210511
	Very Fine	10	Blue	66254441852	9310357210719

### PRODUCT SELECTION GUIDE

#### WHICH GRADE SHOULD I CHOOSE?

GRADE	FEATURES & BENEFITS
Coarse	Ideal where a less coarse finish or increased flexibility is required & an aggressive cut is necessary
	Removes 60-120 grit grindlines - for light deburring
Medium	Removes 120-180 grit grindlines - for cleaning & rust removal
Very Fine	Provides an excellent & uniform finish, ideal choice for fine finishing & pre-coat finishing
	Removes 180-320 grit grindlines - for finishing, polishing & paint preparation

### Backing Pads (NORGRIp)

DIA (mm)	ATTACHMENT	PK QTY	PRODUCT CODE	BARCODE
100	M14-1.50	1	66623321808	9310357222255
115	M14-2.00	1	66623321815	9310357256755
127	M14-2.00	1	66623321828	9310357258902
178	M14-2.00	1	66623321807	9310357210443



## RAPID STRIP & RAPID BLEND

### CONVOLUTE WHEELS

GOOD



DSS Surface finishing wheel

#### FEATURES

- Stronger web compared to clean/finish wheels
- Uniform finish with moderate pressure

#### BENEFITS

- More aggressive cutting action & more durability than clean/finish wheels
- Ideal for rust & paint removal, coarse decorative finishes & blending

DIM W x L (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
150 x 25 x 25.4 mm S Carbide	Coarse	4		66261016208	9310357254249
150 x 50 x 25.4 mm S Carbide	Coarse	2		66261016207	9310357254232
150 x 25 x 25.4 mm A Oxide	Medium	4		66261001046	9310357249870

DIM W x L (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
150 x 50 x 25.4 mm S Carbide	Medium	4		66261016210	9310357249863
150 x 50 x 25.4 mm A Oxide	Medium	2		66261015440	9310357249900
150 x 50 x 25.4 mm S Carbide	Coarse Medium	2		66261015441	9310357249894

### CONVOLUTE WHEELS

GOOD



DMA Red metal finishing wheel

#### FEATURES

- Strongest resin binders
- Dense, very durable web
- Premium, medium grit aluminium oxide grain
- Uniform grain dispersion & coating

#### BENEFITS

- Resilient long life construction
- Can be used for light deburring
- Generates uniform distinct satin & antique finishes
- Cleans & conditions without going gouging or changing dimensions of workpiece

DIM W x L (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
150 x 25 x 25.4 mm A Oxide	Medium	2		66261007936	9310357249887
150 x 50 x 25.4 mm A Oxide	Medium	2		66261007957	9310357249917

## RAPID STRIP & RAPID BLEND

### CONVOLUTE WHEELS

GOOD +++



DCS Finishing wheel

#### FEATURES

- Open mesh construction
- Silicon carbide grain
- Not used for deburring
- Line finish with light pressure

#### BENEFITS

- Good for blending, rust removal, applying decorative contrast finishes and low to moderate spped applications
- Not used for deburring

DIM W x L (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
150 x 25 x 25.4 mm S Carbide	Medium	4		66261058507	9310357210122
150 x 50 x 25.4 mm S Carbide	Medium	2		66261058510	9310357208815

DIM W x L (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
150 x 50 x 25.4 mm S Carbide	Fine	2		66261058509	9310357208822
200 x 50 x 76.2 mm S Carbide	Medium	2		66261058521	9310357208846

### CONVOLUTE WHEELS

GOOD +++



Norton Rapid finish

#### FEATURES

- Improved smear & heat resistant formula
- Waterproof non-metallic
- Dense web construction
- General deburring, blending & finshing

#### BENEFITS

- Good for blending, rust removal, applying decorative contrast finishes and low to moderate spped applications
- Not used for deburring

DIM W x L (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
150 x 25 x 25.4 mm S Carbide	Medium	3		66261055223	9310357218791
200 x 25 x 76.2 mm S Carbide	Medium	1		66261055230	9310357230403



## WHEELS FOR SATINEX MACHINES

Bear-Tex Satinex wheels provide a cushioned abrasive action which not only works well on flat areas, but is also ideal for use in finishing operations on uneven surfaces. These versatile wheels are used on portable machines.

### APPLICATIONS & MARKETS

- Decorative finishing
- Weld blending & Removing paint
- Removing scales oxide & rust
- For use on wood & stainless steel
- In-line brush finishes on stainless steel and aluminium cookware
- Producing fine scratch pattern prior to cotton buffing/compound polishing



### BEAR-TEX SATINEX WHEELS

#### SATINEX WHEELS

GOOD +++

**BEAR-TEX®**



#### FEATURES

- Key way fitting
- Used on portable, variable speed machines
- Wide range of different grades
- Advanced flap wheel construction

#### BENEFITS

- High compatibility with most common systems in the market
- High mobility & flexibility
- From rust removal to a satin finish
- Ensures perfect linear finish for repair & touch-up jobs

### APPLICATION SELECTION

INDUSTRY	APPLICATION	PRODUCTS
Stainless steel fabricators	Grain finishing on sheets, removing imperfections	Satinex non-woven A Med
Architectural hardware	Finishing brass aluminium & steel, satin finishing	Satinex non-woven fine and very fine for bright linear finishes
Metal working	Cleaning and removing scales, oxide and rust	Satinex RapidStrip
Food processing	Weld blending, satin finishing with extended life	Satinex polyurethane

## BEAR-TEX SATINEX WHEELS

TYPE	APPLICATION	DIM DxTxB(mm)	CAP CODE	GRADE	PK QTY	PRODUCT CODE	BARCODE
Satinex Cloth AO Abrasive	Grinding/Coarse Graining	110x100x19	R265	P40	6	66261178710	
			R265	P60	6	63642556870	
			R265	P80	6	63642569354	636425693543
			R265	P120	6	63642556744	
Satinex Non Woven	Blending/Satin Finishing	110x100x19	F2200	A Coarse	6	63642557218	
			F2300	A Medium	6	63642557404	
			F2400	A Fine	6	63642557405	
			F2402	A Fine	6	07660707415	
			F2504	A Very Fine	6	63642557406	
			F4306	S Med	6	63642556878	
Satinex Interleaved	Blending/Fine Graining	110x100x19	F2200	A Course + P80	6	63642557407	
			F2309	A Medium + P80	6	07660707431	
			F2300	A Medium + P150	6	63642557408	
			F4402	S Fine + P150	6	63642556741	
Satinex Polyurethane	Blending/Satin Finishing	110x100x19	P2W01	Coarse	6	63642557410	
Satinex Rapid Strip	Cleaning/Corrosion removal	110x100x19	R4101	Extra Coarse (SiC)	6	63642557184	

Dimensions Key: DIM = Dimensions, D = Diameter, T = Thickness, B = Bore

## SATINEX KIT



### SATINEX KIT

GOOD

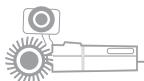


APPLICATION	PRODUCT CODE
SATINEX KIT: Satinex tool and assorted wheels	66254488427*
A handy portable kit with everything contained to get you started on the Finish thanks to the speed and precision of the tool combined with the versatility of the Bear-Tex Wheels.  Contains Satinex tool and 6 assorted wheels.	

\*Made to order

## PRODUCT SELECTION GUIDE

MATERIALS / APPLICATIONS	DEBURRING	CLEANING	BLEND/FINISH
All metal	F2200	F2300	F2402/F4306



## CLOTH BELTS FOR FLOOR SANDING

A wide selection of sizes and grits for most dimensioning, intermediate grinding and polishing applications.

### APPLICATIONS & MARKETS

- Floor grinding
- Deburring
- Heavy stock removal
- Blending, dimensioning & shaping
- Finishing



### FLOOR SANDING BELTS

#### RED HEAT BELTS R955

BEST INNOVATION

**REDHEAT**



#### FEATURES

- Very strong polyester cloth backing
- SG ceramic abrasive
- High quality product

#### BENEFITS

- Extra long life & tear resistant
- Time saving
- Unmatched cut rate with optimum resistance to wear, ideal for professional floor sanding
- Less belt changes

DIM W x L (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
200 x 750	24	5	R955	69957345034	699573450345
	36	5	R955	69957345033	699573450338
	40	10	R955	69957345032	699573450321
	60	10	R955	69957345030	699573450307
	80	10	R955	69957345029	699573450291
	100	10	R955	69957345028	699573450284
	120	10	R955	69957345027	699573450277

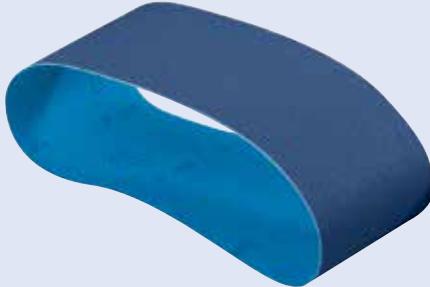
DIM W x L (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
250 x 750	36	5	R955	69957346293	699573462935
	40	10	R955	69957346294	699573462942
	60	10	R955	69957346296	699573462966
	80	10	R955	69957346297	699573462973
	100	10	R955	69957346298	699573462980
305 x 750	36	5	R955	69957345041	699573450413
	40	10	R955	69957345040	699573450406
	60	10	R955	69957345038	699573450383
	80	10	R955	69957345037	699573450376
	100	10	R955	69957345036	699573450369

## FLOOR SANDING BELTS

### NORZON BELTS R809

BETTER +++

**NorZon**<sup>®</sup>



#### FEATURES

- Heavy polyester cloth
- 100% Norzon abrasive
- High quality product

#### BENEFITS

- Stiff tear resistant backing
- Long lasting cutting edges of NorZon brings long life even at high pressure
- Recommended for grinding soft materials like aluminium, plastic, rubber or leather
- Very good performance on hardwood

DIM W x L (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
200 x 750	24	5	R809	66623321429	9310357263005
	36	5	R809	66623321430	9310357263012
	40	10	R809	66623321431	9310357263029
	60	10	R809	66623321432	9310357263036
	80	10	R809	66623321433	9310357263043
	100	10	R809	66623321434	9310357264088
	120	10	R809	66623321435	9310357263050
250 x 750	24	5	R809	66623321436	9310357263081
	36	5	R809	66623321437	9310357263098
	40	10	R809	66623321438	9310357263104
	60	10	R809	66623321439	9310357263111
	80	10	R809	66623321440	9310357263128
	100	10	R809	66623321441	9310357264095
	120	10	R809	66623321442	9310357263135

DIM W x L (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
305 x 750	24	5	R809	66623321443	9310357263159
	36	5	R809	66623321444	9310357263166
	40	10	R809	66623321445	9310357263173
	60	10	R809	66623321446	9310357263180
	80	10	R809	66623321447	9310357263197
	100	10	R809	66623321448	9310357264101
	120	10	R809	66623321449	9310357263203
305 x 800	24	5	R809	66623321450	9310357263531
	36	5	R809	66623321451	9310357263548
	40	10	R809	66623321452	9310357263555
	60	10	R809	66623321453	9310357263562
	80	10	R809	66623321454	9310357263579
	100	10	R809	66623321455	9310357264118
	120	10	R809	66623321456	9310357263586





## FLOOR SANDING BELTS

## CLOTH BELTS R206

GOOD +++



## FEATURES

- Strong cloth backing
- Aluminium oxide abrasive
- Open grain distribution

## BENEFITS

- Multi-purpose economy product ideal for sanding wooden floors
- Good cutting rate
- Reduced clogging

DIM W x L (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
203 x 480	24	5	R206	66623321336	9310357251279
	40	10	R206	66623321337	9310357251286
	60	10	R206	66623321338	9310357251293
	80	10	R206	66623321339	9310357251309
	100	10	R206	66623321340	9310357251316
	120	10	R206	66623321341	9310357251323
200 x 750	24	5	R206	66623321257	9310357209881
	36	5	R206	66623321258	9310357210467
	40	10	R206	66623321279	9310357214090
	60	10	R206	66623321280	9310357214106
	80	10	R206	66623321281	9310357214113
	100	10	R206	66623321282	9310357214120
	120	10	R206	66623321283	9310357214137
250 x 750	24	5	R206	66623321276	9310357212812
	36	5	R206	66623321274	9310357212171
	40	10	R206	66623321284	9310357214199
	60	10	R206	66623321277	9310357214311
	80	10	R206	66623321285	9310357214205
	100	10	R206	66623321278	9310357214328
	120	10	R206	66623321286	9310357214212

DIM W x L (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
305 x 750	24	5	R206	66623321290	9310357218999
	36	5	R206	66623321291	9310357219002
	40	10	R206	66623321287	9310357219019
	60	10	R206	66623321288	9310357219026
	80	10	R206	66623321292	9310357219033
	100	10	R206	66623321289	9310357219040
305 x 800	120	10	R206	66623321293	9310357219057
	24	5	R206	66623321328	9310357235064
	36	5	R206	66623321329	
	40	10	R206	66623321330	9310357235064
	60	10	R206	66623321331	9310357235132
	80	10	R206	66623321332	9310357235149
	100	10	R206	66623321333	9310357235194
	120	10	R206	66623321334	9310357235286

## FLOOR SANDING ROLLS

### SANDING ROLLS R413

BETTER + + +

**NORTON**  
SAINT-GOBAIN



#### FEATURES

- Very strong cloth backing
- Sharp silicon carbide abrasive
- Very open grain distribution

#### BENEFITS

- High tear resistance
- Very high cutting action for rough floor sanding applications
- Long life
- Aggressive cut & clog resistant

DIM W x L [MM]	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
200mm x 25m	16	1	R413	77696075775	9310357281528
	20	1	R413	77696075777	9310357281535
	24	1	R413	77696075778	9310357281542
	30	1	R413	77696075779	9310357281559
	40	1	R413	77696075780	9310357281566
250mm x 25m	16	1	R413	77696075781	9310357281573
	20	1	R413	77696075782	9310357281580
	24	1	R413	77696075783	9310357281597
	30	1	R413	77696075784	9310357281702
	40	1	R413	77696075785	9310357281719

DIM W x L [MM]	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
305mm x 25m	16	1	R413	77696075602	9310357280408
	20	1	R413	77696075603	9310357280415
	24	1	R413	77696075604	9310357280422
	30	1	R413	77696075605	9310357280439
	40	1	R413	77696075606	9310357280446



## FLOOR SANDING ROLLS

## SANDING ROLLS H425

BETTER + + +

NORTON  
SAINT-GOBAIN

## FEATURES

- Strong E-weight paper
- Silicon carbide abrasive

## BENEFITS

- Ideal for floor sanding
- Good tear resistance
- High cut rate

DIM W x L [MM]	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
200mm x 50m	40	1	H425	66623320779	9310357201519
	60	1	H425	66623320777	9310357201526
	80	1	H425	66623320780	9310357201533
	100	1	H425	66623320784	9310357201540
	120	1	H425	66623320783	9310357201557
	150	1	H425	66623320765	9310357205012
250mm x 50m	40	1	H425	66623320842	9310357207627
	60	1	H425	66623320841	9310357205067
	80	1	H425	66623320782	9310357207498
	100	1	H425	66623320852	9310357205005
	120	1	H425	66623320758	9310357207481

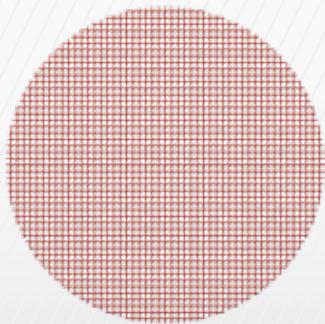
DIM W x L [MM]	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
305mm x 50m	40	1	H425	66623320849	9310357201564
	60	1	H425	66623320848	9310357201571
	80	1	H425	66623320833	9310357201588
	100	1	H425	66623320834	9310357201595
	120	1	H425	66623320850	9310357201601
	150	1	H425	66623320764	9310357205029



## SCREENBAK DISCS

### DISCS FOR WALL & CEILING Q955

BEST  INNOVATION



#### FEATURES

- 100% ceramic Alumina grain
- Open mesh structure
- Waterproof

#### BENEFITS

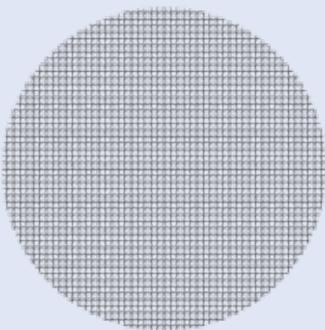
- High performance product
- Super sharp for fast intermediate and finishing coatings removal and longer cutting life
- High resistance to tearing and ripping

DIM DIA (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
406mm	80	10	Q955	66261026301	662610263017
	100	10	Q955	66261026300	662610263000
	120	10	Q955	66261026299	662610262997

DIM DIA (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
406mm	150	10	Q955	66261026297	662610262973
	180	10	Q955	66261071017	662610710177
	220	10	Q955	66261071018	662610710184

### DISCS FOR WALL & CEILING Q421

BETTER 



#### FEATURES

- Silicon carbide abrasive on an open mesh backing

#### BENEFITS

- Extreme resistance to loading
- Long life, waterproof

DIM DIA (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
406mm	80	20	Q421	66623320413	9310357206040
	100	20	Q421	66623320414	9310357206033
	120	20	Q421	66623320504	9310357218982
	150	20	Q421	66623320449	9310357207399

DIM DIA (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
406mm	180	20	Q421	66623320603	9310357221197
	220	20	Q421	66623320604	9310357221265
	320	20	Q421	66623320605	9310357221272



## PLAIN DISCS FOR FLOOR SANDING

Norton offers a range of plain sanding discs to suit all the most commonly encountered applications.

### APPLICATIONS & MARKETS

- Preparing primed & painted surfaces
- Stripping primer & paint
- Sanding plastic & fibreglass
- Light weld blending & deburring
- Finishing metal



### FLOOR SANDING DISCS

#### RED HEAT SANDING DISCS H955

BEST INNOVATION

**REDHEAT**



#### FEATURES

- 100% ceramic alumina grain
- F-weight backing paper

#### BENEFITS

- High performance product
- Super sharp for fast coatings removal and longer cutting life
- More aggressive cut
- High resistance to tearing and ripping

DIM DIA x B (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
178 x 22	24	25	H955	66261055969	662610559691
	36	25	H955	66261040286	662610402867
	40	25	H955	66261055968	662610559684
	60	25	H955	66261040285	662610402850

DIM DIA x B (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
178 x 22	80	25	H955	66261040284	662610402843
	100	25	H955	66261040283	662610402836
	120	25	H955	66261055966	662610559660

## FLOOR SANDING DISCS

### RESIN CLOTH SANDING DISCS R413

BETTER +++++



#### FEATURES

- High performance silicon carbide
- Semi-open / open coat (depending on grit size)
- Very strong polyester cloth

#### BENEFITS

- Ideal for roughing, sanding of solid wood
- Ideal for floor & furniture applications
- Resists clogging
- High performance
- Excellent surface stripping quality

DIM DIA x B (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
178 x 22	16	20	R413	66623388423	9310357280057
	24	20	R413	66623388654	9310357280064

DIM DIA x B (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
178 x 22	30	20	R413	66623388655	9310357280071
	36	20	R413	66623388657	9310357280088

### DURITE PAPER SANDING DISCS H425

BETTER +++++



#### FEATURES

- Silicon carbide abrasive
- Strong E-weight paper

#### BENEFITS

- High cut rate
- For dry applications only
- Ideal for use on stone surfaces

DIM DIA x B (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
178 x 22	36	100	H425	66623320445	9310357210030
	40	100	H425	66623320407	9310357205838
	60	100	H425	66623320408	9310357205852
	80	100	H425	66623320409	9310357205876

DIM DIA x B (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
178 x 22	100	100	H425	66623320411	9310357205784
	120	100	H425	66623320443	9310357205807
	150	100	H425	66623320613	

## PRODUCT SELECTION GUIDE

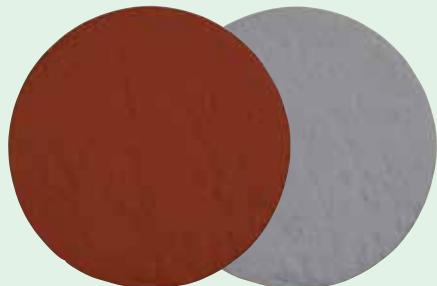
MATERIALS / APPLICATIONS	HIGHLY RECOMMENDED	RECOMMENDED
Wood - floor sanding	Coarse sanding	R413
	Finishing	
	Surface preparation	



## BEAR-TEX PLAIN DISCS

### BEARTEX FLOOR SANDING DISCS

GOOD +++



#### FEATURES

Non-woven conditioning pads

These 1/4" thick pads are manufactured with the finest fibres, resins and abrasives. the unique design of this pad has a perforated 7" disc that is easily removed for use on an edger machine

#### BENEFITS

DIM DIA x B (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
406 x NH	Medium	10		66261002054	9310357221616
	Very Fine	10		66261002055	9310357221609

## DOUBLE-SIDED DISCS FOR FLOOR SANDING

Norton offers a full range of double-sided discs designed to meet all commonly encountered applications.

Double-sided discs have abrasive on both sides.

#### APPLICATIONS & MARKETS

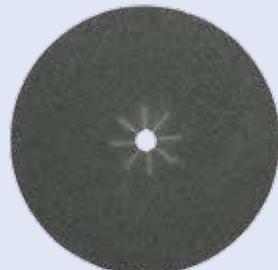
- Floor sanding



## FLOOR SANDING DISCS

### DURITE PAPER DOUBLE SIDED DISCS H425

BETTER +++



#### FEATURES

- Extremely sharp silicon carbide abrasive
- Strong E-weight paper

#### BENEFITS

- Ideal for use on dry stone surfaces
- High cut rate

DIM DIA x B (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
405mm	60	20	H425	66623320676	9310357260387
	80	20	H425	66623320677	9310357260394

DIM DIA x B (MM)	GRIT	PACK QTY	CAP CODE	PRODUCT CODE	BARCODE
405mm	100	20	H425	66623320678	9310357260400
	120	20	H425	66623320679	9310357260417

# SANDING BLOCKS FOR HAND SANDING

Norton offers a range of plain sanding discs to suit all the most commonly encountered applications.

## APPLICATIONS & MARKETS

- Preparing primed & painted surfaces
- Stripping primer & paint
- Sanding plastic & fibreglass
- Light weld blending & deburring
- Finishing metal



## CORK SANDING BLOCK



A rugged cork sanding block that requires no adhesive to fasten the abrasive paper to it. Just simply wrap the abrasive paper around the block and sand. Slide the sandpaper along the block to refresh the abrasive surface. All four sides can be used.

DIM (MM) W x L x H	PK QTY	PRODUCT CODE	BARCODE
?? x ?? x ??	24	66623320006	9310357701200

## ACCESSORIES

## RUBBER SANDING BLOCK



**Rubber sanding block**  
Resilient rubber blocks that conform well to mild contours and flat surfaces

DIM (MM) W x L	PK QTY	PRODUCT CODE	BARCODE
70 x 133	1	07660743130	076607431301

## ACCESSORIES

## HAND SANDER



**Hand sander**  
To suit 108 x 374mm slotted sheets. Ideal for hand sanding large areas and drywall joints

DIM (MM) W x L	PK QTY	PRODUCT CODE	BARCODE
100 x 374	2	66623320005	9310357203933

## ACCESSORIES

## SPEED FILE



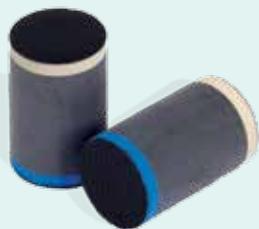
**Speed file**  
• Lightweight, rugged design for easy sanding of fillers.  
• Spring clips mounted at each end securely hold 70 x 460mm speed file strips.

DIM (MM) W x L	PK QTY	PRODUCT CODE	BARCODE
70 x 460	1	66623320002	9310357701316

## ACCESSORIES

## SANDING BLOCK FOR ROSETTE DISC

### ACCESSORIES



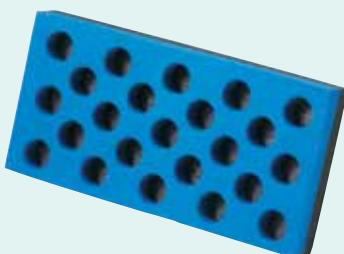
#### Sanding block for Rosette discs

Designed to be used by hand for maximum flexibility and versatility, the Norton double-sided sanding block two sides for cutting and for finishing.

DIM (MM) DIA	PK QTY	PRODUCT CODE	BARCODE
38mm	12	63642567819	

## HOLEY BLOCK

### ACCESSORIES



#### Holey block

A rugged, semi rigid, multi-purpose sanding block engineered for flat to medium curved surfaces. A tactical hole pattern side provides numerous cutting edges a30% faster cut rate. The plain side provides firmness and a comfortable, easy-tohold surface. these blocks come in a "point of purchase" display pack.

DIM (MM) W x L x H	PK QTY	PRODUCT CODE	BARCODE
130 x 65 x 17	8	63642503729	636425037293

## DUAL DENSITY WET SANDING BLOCK

### ACCESSORIES



#### Dual density block

Because of the grabbing power of these blocks, no adhesive required, simply wrap the paper around the block. The dense side is for more aggressive blocking, while the soft side is for colour sanding. These blocks come in a "point of purchase" display pack.

DIM (MM) W x L	PK QTY	PRODUCT CODE	BARCODE
-	12	63642503728	8711479598524

## MULTI-AIR SANDING BLOCKS

### ACCESSORIES



- Multi-Air Sanding Blocks eliminate dust and increase the surface cut area, improving productivity
- The multi-hole perforations in the sanding sheet and block allows sanding particles to be drawn into the sanding chamber and away from the surface for full visual control of the work area.
- For use with a vacuum system and Multi-Air cut sheets.
- Special shaped blocks are available for interchangeable surfaces developed for concave and convex sanding panels.

DESCRIPTION	PK QTY	PRODUCT CODE	BARCODE
A. Multi-Air Sanding Blocks 70 x 125mm	1	69957396645	3157625750326
B. Multi-Air Sanding Blocks 70 x 198mm	1	69957396646	3157625750333
C. Multi-Air Sanding Blocks 70 x 400mm	1	69957396648	3157625750364
D. Multi-Air Sanding Blocks 115 x 230mm	1	69957396644	3157625750319
E. Flexible 4m Vacuum Pipe	1	07660767979	3157625772779
F. Multi-Air Sanding Block Kit (consists of A,B,C,D)	1	69957396649	3157625750371
G. Fits Multi-Air 150mm discs	1	077696024493	

## BACK-UP PADS

Norton offers a varied range of backing pads to sit most machines and their applications.

The backing pad can influence the performance of the abrasive disc significantly depending on the grinding and sanding parameters the application demands.



### NORTON STANDARD BACK-UP PADS

### ACCESSORIES



#### Standard back-up pad

A moulded plastic with a smooth face this medium density pad is designed for all-purpose grinding and sanding applications offering mild flexibility for blending of the contoured.

DIA (MM)	THREAD	PK QTY	PRODUCT CODE	BARCODE
100	M10 - 1.5	1	66623320044	9310357706199
115	M14 - 2.0	1	66623320045	9310357706212
125	M14 - 2.0	1	66623320046	9310357706229
178	M14 - 2.0	1	66623320047	9310357706236

### NORTON TURBO BACK-UP PADS

### ACCESSORIES



#### Turbo back-up pad

With ribbed surface to draw heat away from the grinding zone, produces a more aggressive cutting action whilst reducing disc loading and increasing life of the fibre disc.

DIA (MM)	THREAD	PK QTY	PRODUCT CODE	BARCODE
100	M10 - 1.5	1	66623320033	9310357260356
115	M14 - 2.0	1	66623320034	9310357260363
125	M14 - 2.0	1	66623320048	9310357706250
178	M14 - 2.0	1	66623320049	9310357706243

### ZEC DISC BACK-UP PADS

### ACCESSORIES



#### ZEC disc back-up pad

Zec backing pads are specifically designed for Zec discs to deliver greater support to the abrasive and keep the Zec disc cooler when grinding

DIA (MM)	THREAD	PK QTY	PRODUCT CODE	BARCODE
100 mm ZEC Disc Support Pad		1	66623320044*	9310357706199
115/125 mm ZEC Back-Up Pad		1	66623322079	9314188002406
180 mm ZEC Disc Support Pad		1	66623322080	9314188083009
180 mm ZEC Back-Up Pad		1	66623322082	9314188134954

\*100mm uses standard fibre disc back-up pad  
Other sizes **MUST** use listed ZEC back-up pad

## BACK-UP PADS

### SURFACE CONDITIONING BACK-UP PADS



#### Surface conditioning back-up pad

Surface conditioning back-up pads are specifically designed with longer hooks to enable extra adhesion to the material.

### ACCESSORIES

DIA (MM)	THREAD	PK QTY	PRODUCT CODE	BARCODE
100	M10 - 1.5	1	66623321808	931035722255
115	M14 - 2.0	1	66623321815	9310357256755
125	M14 - 2.0	1	66623321828	9310357258902
178	M14 - 2.0	1	66623321807	9310357210443

### SPEEDLOK BACKING PADS



#### Speedlok (type III) backing pads

Roll on/roll off system using a nylon thread button on a pad with spindle. Medium density hardness for blending and grinding applications.

### ACCESSORIES

DIA (MM)	THREAD	PK QTY	PRODUCT CODE	BARCODE
51		1	66261055103	9310357706151
75		1	66261055105	9310357706144

### MULTI-AIR DISC SPEED-GRIP INTERFACE PAD



The innovative Multi-Air back-up pad design draws dust into the collection chamber allowing optimal airflow and powerful dust extraction.

High performance high productivity and a clean surface and working environment are the outcome of this innovative design.

Packed in individual boxes with Festool and Rupes adaptor, M8 and 5/16" bolts, 1 metal ring and 3 fibre washers.

### ACCESSORIES

DESCRIPTION	PK QTY	PRODUCT CODE	BARCODE
150 mm dia Multi Air back-up pad	1	63642585872	3157624898593

# BACKING PADS & FOAM INTERFACES

Speed-Grip industrial Backing Pads are available in 4 different perforations, 3 densities and a versatile attachment system (M8 & 5/16" + key + 3washers).

To improve the versatility of Norton discs, a complete range of technical interface pads and conversion interfaces are also available.

Stick 'n' Sand Backing Pads are available in two different perforations in various attachment methods.



## NEW BACKING PADS & FOAM INTERFACES

## ACCESSORIES



Packed in a clear individual display box including:

- Safety recommendations
- Product information
- Mounting instructions
- Versatile attachment system & allen wrench

### FEATURES

- Different densities available in most perforations/dust hol patterns
- New back plate technology
- Attachments for different tools
- Easy-peel technology
- Colour coding of foam layer

### BENEFITS

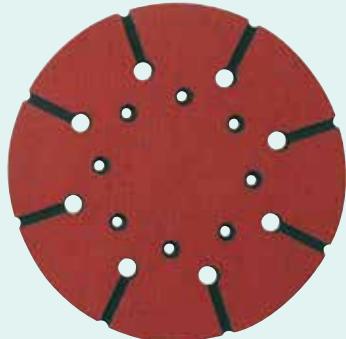
- Available for a full range of applications with optimum dust extraction
- Heavy duty design
- Long life
- Adapts to all common orbital sanders
- Longer life of gripping layer
- Easy and quick hardness identification

DENSITY	COLOUR	BARCODE
Hard	BLUE	Heavy duty sanding, best for flattening surfaces or dimensioning.
Medium	BLACK	Scuffing, shaping, sanding and finishing. For use on filler, primer, paint, clear coat, wood, plaster, composites, metal.
Soft	ORANGE	Final sanding, to obtain a perfect finish.

## BACKING & FOAM INTERFACES

### NORTON PRO SPEED-GRIP BACK-UP PADS

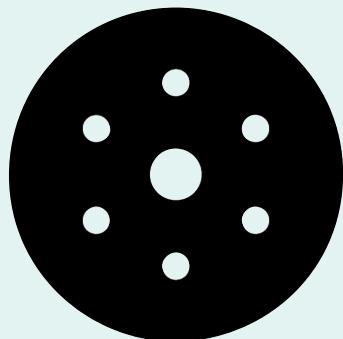
#### ACCESSORIES



DIM DIA [MM]	HOLES	MOUNTING TYPE	DENSITY	PACK QTY	PRODUCT CODE	BARCODE
150mm	No hole	5/16"	Medium	10	63642504295	
	No hole	5/16" & M8	Medium	1	66623320007	9310357701279
	6+1 hole	5/16" & M8	Medium	1	66623320008	
	8+1 hole	5/16" & M8	Medium	1	66623320039	9310357264149
	15 hole	5/16" & M8	Soft	1	66623338452	
	15 hole	5/16" & M8	Medium	1	66623338450	
	15 hole	5/16" & M8	Hard	1	66623338451*	
200mm	8 hole	M14	Medium	1	66623320011	9310357704683

### NORTON PRO STICK 'N' SAND BACKING PADS

#### ACCESSORIES



DIM DIA [MM]	HOLES	MOUNTING TYPE	PACK QTY	PRODUCT CODE	BARCODE
150mm	No hole	-	1	66623320040	9310357264156
	6+1 hole	-	1	66623320041	9310357264163
	No hole	5/16"	1	66623320004	9310357701286
	6 hole	5/16"	1	66623320014	9310357706755
200mm	No hole	5/8"	1	66623320003	9310357701293
	No hole	M14	1	66623320000	9310357701309

### NORTON PRO SPEED-GRIP FOAM INTERFACE

#### ACCESSORIES



DIM DIA [MM]	HOLES	PACK QTY	PRODUCT CODE	BARCODE
150mm	No hole	10	63642505457	
	6+1 hole	5	66623320015	9310357706748
	8+1 hole	5	66623320016	
	15 hole	10	07660719360	

## BACKING & FOAM INTERFACES

### SPEED-GRIP CONVERTER KITS

### ACCESSORIES



DIM DIA (MM)	PACK QTY	PRODUCT CODE	BARCODE
125	1	66623320025	9310357255338
150	1	66623320018	9310357219767
178	1	66623320017	9310357219682
200	1	66623320027	9310357255352
230	1	66623320029	9310357255376
305	1	66623320031	9310357255406
356	1	66623320032	9310357255338



# CROSS REFERENCE

## SAP, LEGACY & BARCODE































141-162

## TECHNICAL INFORMATION

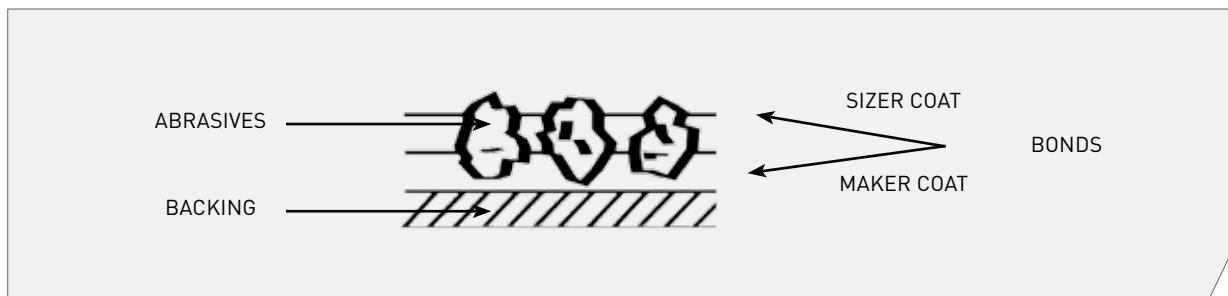


# COATED ABRASIVES

## TECHNICAL INFORMATION

### WHAT IS A COATED ABRASIVE?

Modern coated abrasives are the product of an extremely technical process developed through many years of research and development. They remain, however, a product composed of three basic elements: a flexible or semi-rigid backing to which abrasive grains are bonded by an adhesive.



### ABRASIVE TYPES

The ideal abrasive grain offers maximum resistance to point wear, yet fractures before serious dulling occurs, thereby satisfying both stock removal and finishing requirements.

#### SYNTHETIC ABRASIVES

- Aluminium oxide is tough and well adapted to grinding high tensile materials, such as carbon steel, alloy steels, tough bronze and hard woods. Wherever toughness (ability to resist fracturing) is the main consideration, aluminium oxide out performs all other coated abrasive grains
- Silicon carbide is the hardest and sharpest of the minerals used in coated abrasives. Its hardness and sharpness make it the ideal abrasive for sanding non-ferrous metals (aluminium, brass, bronze, magnesium, titanium, etc.), rubber, glass, plastics, fibrous woods, enamel and other relatively soft materials. Silicon carbide is superior to any other abrasive in its ability to penetrate and cut faster under light pressure
- Zirconia alumina has a unique self-sharpening characteristic which gives it long life on rugged stock removal operations. Zirconia alumina is well suited for heavy grinding of metals and planing of wood, because the controlled fracturing of the grain continuously produces sharp, new abrading points
- Ceramic aluminium oxide is a long-lasting, tough, dense abrasive due to its micro structure. The extremely small micron size particles break off during grinding, producing multiple new cutting edges. As it stays sharp, especially when used in medium and high pressure operations, it cuts at a higher rate than other abrasives. Recommended for use on forged and carbon steels, high nickel and cobalt alloys

#### NATURAL ABRASIVES

- Emery is a natural composite of corundum and iron oxide. The particles are blocky in shape and tend to cut slowly, thereby producing a polishing action on the material being abraded. Used for general maintenance and polishing of metals and in very fine grits for highly technical polishing, such as preparing metallurgical specimens requiring very close tolerances. Emery products are black in colour

### ABRASIVE GRAIN DISTRIBUTION

There are two types of abrasive grain coverage on the backing:

- Openly spaced distribution where between 30% and 60% of the backing is covered leaving large spaces between each abrasive grain. It is used in operations where the grinding swarf would otherwise 'load' or clog the surface, reducing cutting efficiency and shortening the coated abrasive life
- Closely packed grain distribution is where the grain completely covers the backing. The greater number of abrading points in a given area leads to faster stock removal. It is recommended where loading is not a problem and where smoother surface finishes are desired

## ABRASIVE GRAIN SIZE

After the crude abrasives have been crushed, the grains are separated (graded) into standard particle sizes using screens carefully made from silk threads of exact size and number per square inch to ensure extreme accuracy. The grit number (mesh number) appearing on the coated abrasive backing represents the number of openings per linear inch in the final screen. Grits 240 and finer, called flours, are graded by hydraulic separators, air classifiers and levigating tanks.

The European standard of grit sizes is the FEPA grading system. All FEPA grit sizes are preceded with the letter 'P', i.e. P180 etc.

In the USA a different grading system called CAMI is used. This chart provides a comparison between FEPA and CAMI grades and also shows average particle sizes in microns and inches.

Additionally, some products produced for the woodworking and floor sanding markets are identified with a 'grit symbol'. Although use of this symbol is infrequent, the backing of these products contain both the mesh number and the grit symbol.

PARTICLE SIZE IN INCHES	PARTICLE SIZE IN MICRON	ALUMINIUM OXIDE, GARNET, SILICON CARBIDE, ZIRCONIA ALUMINA		EMERY		GLASS PAPER	
		GRADING SYSTEMS		COMP. GRIT SYMBOL	POLISHING PAPER		
		CAMI	FEPA				
,0000118	0,3	-	-	-	-	-	
,0000197	0,5	-	-	-	-	-	
,0000394	1,0	-	-	-	-	-	
,0000787	2,0	-	-	-	-	-	
,000118	3,0	-	-	-	-	-	
,000158	4,0	-	-	-	-	-	
,000197	5,0	-	-	-	-	-	
,000236	6,0	-	-	-	-	-	
,00026	6,5	1200	-	-	-	-	
,00035	9,0	-	-	-	-	-	
,00036	9,2	1000	-	-	-	-	
,00047	12,0	-	-	-	-	-	
,00048	12,2	800	-	-	4/0	-	
,00059	15,0	-	-	-	-	-	
,00060	15,3	-	P1200	-	-	-	
,00062	16,0	600	-	-	3/0	-	
,00071	18,3	-	P1000	-	-	-	
,00077	19,7	500	-	-	2/0	-	
,00079	20,0	-	-	-	-	-	
,00085	21,8	-	P800	-	-	-	
,00092	23,6	400	-	10/0	0	-	
,00098	25,0	-	-	-	-	-	
,00100	27,75	-	P600	-	-	-	
,00112	28,8	360	-	-	-	-	
,00118	30,0	-	-	-	-	-	
,00118	30,2	-	P500	-	-	-	
,00137	35,0	-	P400	-	-	-	
,00140	36,0	320	-	9/0	-	-	
,001575	40,0	-	-	-	-	-	
,00158	40,5	-	P360	-	-	-	
,00172	44,0	280	-	8/0	1	-	
,00177	45,0	-	-	-	-	-	
,00180	46,2	-	P320	-	-	-	
,00197	50,0	-	-	-	-	-	

## ABRASIVE GRAIN SIZE

PARTICLE SIZE IN INCHES	PARTICLE SIZE IN MICRON	ALUMINIUM OXIDE, GARNET, SILICON CARBIDE, ZIRCONIA ALUMINA		EMERY		GLASS PAPER	
		GRADING SYSTEMS		COMP. GRIT SYMBOL	POLISHING PAPER		
		CAMI	FEPA				
,00204	52,5	-	P280	-	-	-	
,00209	53,5	240	-	7/0	-	-	
,00217	55,0	-	-	-	-	-	
,00228	58,5	-	P240	-	-	-	
,0023	60,0	-	-	-	-	-	
,00254	60,5	-	P220	-	-	-	
,00257	66,0	220	-	6/0	2	-	
,00304	78,0	180	P180	5/0	3	-00	
,00363	93,0	150	-	4/0	-	Fine	
,00378	97,0	-	P150	-	-	0	
,00452	116,0	120	-	3/0	-	-	
,00495	127,0	-	P120	-	-	1	
,00550	141,0	100	-	2/0	-	Medium	
,00608	156,0	-	P100	-	-	1½	
,00749	192,0	80	-	0	-	-	
,00768	197,0	-	P80	-	-	F2	
,01014	260,0	-	P60	-	-	M2	
,01045	268,0	60	-	1/2	-	Coarse	
,01271	326,0	-	P50	-	-	S2	
,01369	351,0	50	-	1	-	-	
,01601	412,0	-	P40	-	-	2½	
,01699	428,0	40	-	-1½	-	-	
,02044	524,0	-	P36	-	-	36	
,02087	535,0	36	-	2	-	Extra coarse	
,02426	622,2	-	P30	-	-	-	
,02488	638,0	30	-	2½	-	-	
,02789	715,0	24	-	3	-	-	
,02886	740,0	-	P24	-	-	-	
,03530	905,0	20	-	3½	-	-	
,03838	984,0	-	P20	-	-	-	
,05148	1320,0	16	-	4	-	-	
,05164	1324,0	-	P16	-	-	-	
,06880	1764,0	-	P12	-	-	-	
,07184	1842,0	12	-	4½	-	-	

## NARROW BELTS & WIDE BELTS

The results achieved when sanding with belts depends on several factors including:

- The machine condition & available horsepower
- The belt speed
- The grinding pressure
- The contact wheel
- The choice of the belt in relation to the shape of the part & material type
- The use of coolant (when machine & belt allows)

### BELT SPEED

The speed of the belt has a direct relationship with its cut rate, as well as the amount of heat generated, the surface finish achieved, and the stress on abrasive grain. Some abrasives like zirconia alumina and ceramic support much higher stresses because they have a better resistance to uncontrolled fracture. Some materials are more sensitive to heat generation. The chart below gives the recommended speed range according to material.

### RECOMMENDED GRINDING BELT SPEED

Heat sensitive materials, plastics, etc.	5-15m/s	Stainless steel, high-speed steel & tool steel	20-30m/s
Sintered metals & carbides	8-15m/s	Grey cast iron & cast steel	30-40m/s
Titanium & similar alloys	8-15m/s	Carbon steel	30-40m/s
Glass, porcelain & special steel	8-15m/s	Brass, copper, zinc, bronze & tin	25-35m/s
Heat-resistant plastics	20-30m/s	Aluminium & light metal	20-35m/s
Wood	15-30m/s	Varnish	10-15m/s

### GRINDING PRESSURE

The amount of grinding pressure depends on:

- The force used
- The size of the contact area between the belt & the workpiece
- The backing on which the belt runs (generally a contact wheel)

Higher pressure increases the cut rate and the amount of heat generated increases the stress on the individual abrasive grain (a minimum stress is necessary to achieve a controlled fracture of the abrasive grain), and generally generates a rougher finish.

## CONTACT WHEELS

Many machines use contact wheels as a backing for belts. Contact wheels are generally covered with rubber, polyurethane, steel, rubber foam, felt, or compressed canvas, and are classified from soft to hard, with or without serrations. Using a different type of contact wheel has a direct effect on the end results.

- Harder contact wheels provide a higher cut rate, a rougher surface finish & generate a much more uniform surface than softer contact wheels. They are used with stiff belts for a faster cut
- Softer contact wheels provide lower cut rates, a better surface finish & follow the contours of the part. They are generally used for finishing contoured parts or for generating slightly rounded surfaces. They are much less hard wearing on the belt & its joint

The design of the contact wheel will also have an effect on the contact area, which in turn affects grinding pressure.

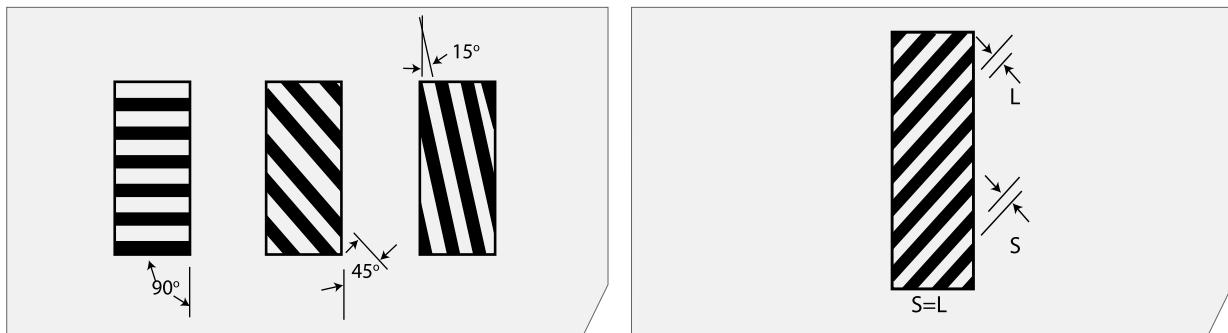
- Contact wheels with a larger diameter act softer & should generally be used on larger surfaces
- Serrated contact wheels act harder but should generally be used on smaller surfaces

## CONTACT WHEEL TYPES

HARD ← → SOFT

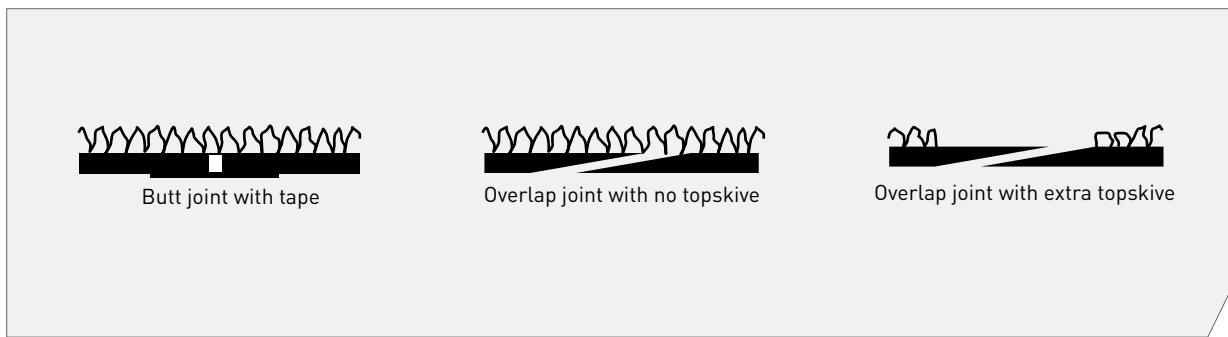
Aggressiveness increases as angle increases

Contact surface decreases as lands decrease giving a more aggressive, harder wheel



## JOINT TYPES

Belts are made with a standard joint design best adapted to the product and its main application:

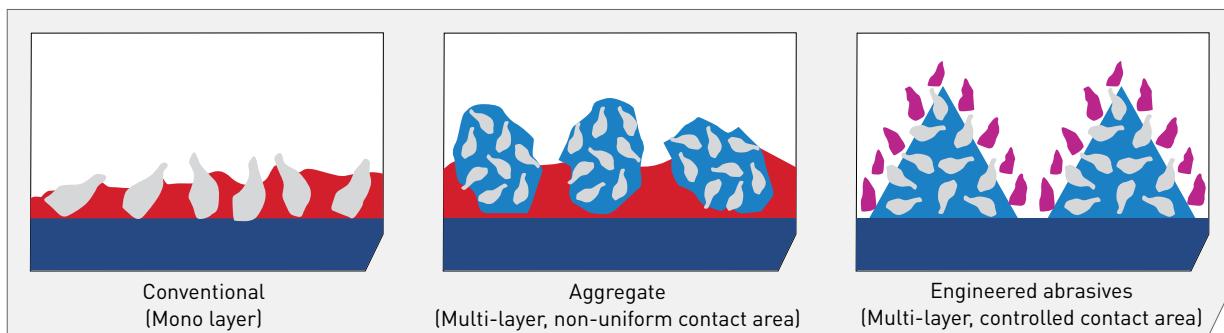


## NORaX AN INNOVATIVE TECHNOLOGY

NORaX is the innovative coated abrasive technology from Norton. The innovation lies in the abrasive layer: a multi-layer coating of abrasive is engineered into a 3D pattern. These patterns give a controlled contact surface between the abrasive and part that optimises belt performance.

NORaX works like a grinding wheel on a cloth backing. As the belt wears, dull abrasive particles are removed from the belt surface to expose a

new layer of sharp abrasives. This continuous replacement of dulled abrasives results in longer life, higher cut rates, and a more consistent surface finish throughout the belt life. Also, contributing to this higher performance, NORaX is also covered with a surface powder grinding aid that increases cut and life while decreasing grinding temperature.



For more information on NORaX please contact your local Sales or Customer Service Representative.

## BACKING TYPES

Whether paper, cloth, vulcanised fibre, a combination or polyester film, the backing must be smooth enough for uniform adhesive coating, strong enough to withstand grinding pressures and flexible enough to conform to contours (if necessary). For reasons of economy, the least expensive backing compatible with the job requirements should be selected.

### PAPER

The standard paper weights used in coated abrasives are indicated by a letter code which appears immediately after the grit size on the finished product backing. Briefly stated, the lighter the backing, the greater the degree of flexibility; the heavier the backing, the greater the resistance to tearing.

#### A-weight (70gms)

Light and flexible, A-weight is used primarily for hand finishing operations both wet and dry. Grits 80 and finer.

#### C-weight (120gms)

Stronger and less flexible than A-weight. This backing is chosen for hand sanding, dry or wet, and for use on small portable power sanders. Intermediate through fine sanding. Grits 60 through 180.

#### D-weight (150gms)

Stronger and less flexible than C-weight. This backing is also chosen for hand sanding and for use on small portable power sanders. Coarse through intermediate sanding. Grits 36 through 80.

#### E-weight (220gms)

Stronger and less flexible than D-weight, this backing is used primarily on roll, belt and disc applications where high resistance to tearing is needed.

#### F-weight (300gms)

The strongest, least flexible paper backing utilised. Used for crankshaft lapping rolls, tannery industry belts and rolls, and NorZon belts only.

## BACKING TYPES

### CLOTH

Cloth backings are more durable than paper, offer greater resistance to tearing, and tolerate continual bending and flexing during use. Norton use traditional woven cloth in the manufacture of their coated abrasives. The backing has construction and finishing characteristics designed to make it ideally suited to a specific application. The standard cloth weights used in coated abrasives are indicated by a letter code which appears immediately after the grit size on the finished product backing.

#### J-weight

The lightest and most flexible cloth backing, this backing is used where finish and uniformity of the surface are more important than stock removal. Ideal for finishing, blending and where flexibility and conformity are required, such as contour work or curved surfaces.

#### X-weight

Stronger and relatively stiff when compared to J-weight, this backing is used on products designed for coarse grit stock removal applications through fine grit finishing and polishing. Consistent productivity, relatively good finishes and long product life are characteristics of products made on X-weight backings.

#### Y-weight

Stronger and more resistant to longitudinal splitting than regular drills cloth, Y-weight backing is used on products designed for severe applications, such as narrow belt grinding of hand tools and wide belts sanding of lumber and particleboard dimensioning.

### FIBRE

Fibre backings, made of multiple layers of impregnated paper, are very hard and strong, yet provide sufficient flexibility for the intended applications. 0,8mm thick fibre has the greatest strength of any backing used for coated abrasives. This backing is used on resin bonded fibre discs designed for heavy duty portable grinding applications.

### COMBINATION

Combination backing, constructed by laminating light cloth and stiff E-weight paper, is used where resistance to tearing and breaking is a requirement. Primarily utilised on products designed for chipboard/MDF sanding.

### FILM

Polyester is used as the backing media for Norton's range of precision graded microfinishing products. Film backings can be used wet or dry and have excellent resistance to chemical attack, while being tear resistant and durable.

## SPECIAL COATED SURFACE TREATMENT

### NO-FIL TREATMENT

In order to provide even further resistance to loading, some Openkote paper products are given a special surface treatment of zinc stearate after the sizing operation. Such products are ideal for sanding between sealer coats on furniture, sanding after primer coats on automobiles, removing varnish from wood, and numerous other operations where conventional abrasive products fail prematurely due to loading.

Norton's trademark for products utilising this treatment is No-Fil.

## SURFACE FINISH & GRINDING EFFICIENCY VARIABLES

### SURFACE FINISH VARIABLES

Changes in any one of many factors can affect the surface finish generated by a product. The purpose of this chart is to show the effect on surface finish by changes in single factors of product specifications.

Arrows have been used to signify the trend direction. The length of the arrows have no significance as the effect of each variable factor will not be the same. The chart is meant to be general in nature and to show direction or trend.

VARIABLE FACTOR	ROUGH HIGHER RA READING	SMOOTH SURFACE LOWER RA READING			
1. Grit Size	Coarse			Fine	
		← →			
2. C/A Product Condition	New			Used	
		← →			
3. Adhesive Bond	Resin	Resin/Glue		Glue	
		← →			
4. Coating Method	Open-Coated			Close-Coated	
		← →			
5. Product Flex	Single Linear			Double Triple	
		← →			
6. Contact Wheel Configuration	Serrated			Smooth	
		← →			
7. Composition	Wider Groove Width Steel	Rubber		Wider Width Canvas	
		← →			
8. Diameter	Smaller			Larger	
		← →			
9. Belt Speed	Slower			Faster	
		← →			
10. Grinding Aid	Dry	Water	Oil Solubles	Straight Oils	Grease
		← →			
11. Abrasive Mineral Type	Zirconia Alumina	Ceramic	Aluminium Oxide	Silicon Carbide	Emery
		← →			
12. Workpiece Hardness	Softer			Harder	
		← →			

## CUTTING EFFICIENCY

Although general in nature, this chart can serve as a useful guide as to what effect a change in a single given factor in the specification will have on the cutting efficiency of coated abrasive products. Arrows have been used to signify the trend direction. The length of arrows has no significance. Some important machine and setup parameters have also been included since they do have significant impact on product performance.

VARIABLE FACTOR	MORE AGGRESSIVE BETTER CUT	SMOOTH SURFACE LOWER RA READING			
1. Workpiece Feed Speed	Slower				Faster
2. C/A Belt speed (m/s)	Slower				Faster
3. Abrasive Product Condition	New				Used
4. Grit Size	Coarse				Fine
5. Product Durability	Fibre		Cloth		Paper
6. Abrasive Mineral Type	Zirconia Alumina	Ceramic	Aluminium Oxide	Silicon Carbide	Emery
7. Adhesive Bond	Resin		Resin/Glue		Glue
8. Coating Method	Close-Coated				Open-Coated
9. Contact Wheel Configuration	Serrated				Smooth
10. Composition	Steel		Rubber		Canvas
11. Diameter	Smaller				Larger
12. Pressure	High				Low
13. Grinding Aid	Oil	Soluble Oil		Water	Dry
14. Workpiece Hardness	Softer				Harder

## SAFETY ADVICE

### SAFETY IN THE STORAGE & USE OF COATED ABRASIVES

#### TRANSPORT & STORAGE

All coated abrasives should be handled carefully. Damage can be caused by mishandling, which should be avoided.

Coated abrasives should be stored in dry, frost free conditions. They should be kept away from heat sources, cold, damp walls, doors or windows and should not be in direct contact with the floor. Temperatures and humidity should be between 18°C and 22°C and 45%-65% relative humidity. Coated abrasives should not be exposed to direct sunlight. Products should be kept in their original packaging until immediately before use. Once unpacked, they should be stored in a way which avoids distortion.

#### PERSONAL PROTECTION

Safety goggles, ear defenders, safety gloves, dust masks and, if conditions are severe, additional face protection. Leather aprons and safety shoes must be worn.

#### GENERAL PRECAUTIONS

Safety instructions provided by the machine manufacturers must be followed. Where fitted, all guards, covers and hoods must be in place on the machine during grinding, and should not be modified in any way. Abrasives should not be used near inflammable material or in an environment where there is a risk of explosion.

Sparks should be directed away from the face and body, if possible towards the floor. Dust extraction equipment must be used whenever it is available. The instructions for use given by the abrasive manufacturer must be followed e.g. 'Not to be used without a support', or 'Not to be used for wet grinding'. The workpiece must be firmly fixed before grinding starts. Check all abrasives visually before use and make certain that the product is suitable for the application. No modifications should be made to abrasive products after delivery.

When using a portable grinder always switch it off and allow the spindle to stop completely before putting the tool down. Wet grinding should only be carried out on machines designed for this purpose and with abrasives designated as suitable for this type of operation.



Mouth  
Protection



Wear  
Gloves



Eye  
Protection



Ear  
Protection



Read  
Instructions



Dry



Wet

## TUNGSTEN CARBIDE BURRS

### DOs

<input checked="" type="checkbox"/>	DO	Always operate the burr within the recommended speed range
<input checked="" type="checkbox"/>	DO	Select the appropriate shape, diameter & cut style for the application
<input checked="" type="checkbox"/>	DO	Ensure the appropriate grinder is used & that it is regularly maintained
<input checked="" type="checkbox"/>	DO	Fix the maximum length of the burr in the collet (recommended max 10mm overhang)
<input checked="" type="checkbox"/>	DO	Check that the burr is running true in the grinder before use
<input checked="" type="checkbox"/>	DO	Securely fix workpiece & hold the grinder firmly
<input checked="" type="checkbox"/>	DO	Use a smooth cutting action with constant movement in both directions. Use light pressure, letting the burr do the work
<input checked="" type="checkbox"/>	DO	For best finish, always end on a reverse stroke

### DON'Ts

<input type="checkbox"/>	DON'T	Run burr above the Maximum Operating Speed
<input type="checkbox"/>	DON'T	Run burr too slowly (refer to recommended speed guide)
<input type="checkbox"/>	DON'T	Allow burr to be exposed to excessive mechanical or thermal shock
<input type="checkbox"/>	DON'T	Sink the burr to more than one-third of its periphery
<input type="checkbox"/>	DON'T	Jam the burr into grooves, crevices & cavities
<input type="checkbox"/>	DON'T	Allow burr to become too hot, causing braze to weaken (applies to burrs where head diameter is greater than shank diameter)
<input type="checkbox"/>	DON'T	Apply shock or excessive force to the product or let it overheat

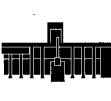
# BEARTEX

## PRODUCT SELECTION - BY MACHINE

### STATIONARY MACHINES

Product selection guide & Starting Points recommendation

MACHINES		PRODUCT	DEBURRING	CLEANING	BLENDING & FINISHING	REQUIRED ACCESSORY
<b>STRAIGHT SHAFT EQUIPMENT</b>						
Bench Grinder		Plain Discs	n/a	F2303 HS Med A	F2520 VF A	n/a
		Convolute Wheels	D19 SF	DCS	DMA 5AM	Reduction Bushings
		Polybond Wheels	C150-H10BTM	n/a	C240-D4BTM	Reduction Bushings
		Flap Wheels	n/a	F2301 Med A	F2501 VF A	Reduction Bushings
		Unitised Wheels	U2301 8AM	U2401 6AF	U4401 2SF	Reduction Bushings
		Lap Mops	n/a	F2520 VF A	F2520 VF A	n/a
Pedestal Grinder		Plain Discs	n/a	F2303 HS Med A	F2520 VF A	n/a
		Convolute Wheels	D19 SF	DCS	DMA 5AM	Reduction Bushings
		Polybond Wheels	C150-H10BTM	n/a	C240-D4BTM	Reduction Bushings
		Flap Wheels	n/a	F2301 Med A	F2501 VF A	Reduction Bushings
		Unitised Wheels	U2301 8AM	U2401 6AF	U4401 2SF	Reduction Bushings
<b>BELT EQUIPMENT</b>						
Back Stand		Surface Blend Belts	DSB Coa or DSJ Ex Coa	DSJ Med	Superflex Med	n/a
Stroke Grinder		Surface Blend Belts	DSB Coa	DSJ Med	Superflex Med	n/a
Centerless Polisher		Surface Blend Belts	DSB Coa	DSJ Med	Superflex Med	n/a

MACHINES	PRODUCT	DEBURRING	CLEANING	BLENDING & FINISHING	REQUIRED ACCESSORY
<b>FEED-THROUGH EQUIPMENT</b>					
Sheet/Coil Processing Machine		Surface Blend Belts	DSB Coa	DSJ Med	Superflex Med
		Flap Wheels	n/a	F2301 Med A	F2501 VF A
		Convolute Wheels	D18 SF	DCS	DMA 5AM
Rotary Disc/Planetary Disc Machine		Surface Blend Discs	DSB Coa	DSJ Med	n/a
<b>AUTOMATED EQUIPMENT</b>					
Rotary Machine		Plain Discs	n/a	F2303 HS Med A	F2520 VF A
		Convolute Wheels	D18 SF	DCS	DMA 5AM
		Polybond Wheels	C150-H10BTM	n/a	C240-D4BTM
		Surface Blend Belts	DSB Coa	DSJ Med	Superflex Med
		Unitised Wheels	U2301 8AM	U2401 6AF	U4401 2SF
		Flap Wheels	n/a	F2301 Med A	F2501 VF A
Straight-Line Machine		Plain Discs	n/a	F2303 HS Med A	F2520 VF A
		Convolute Wheels	D18 SF	DCS	DMA 5AM
		Polybond Wheels	C150-H10BTM	n/a	C240-D4BTM
		Surface Blend Belts	DSB Coa	DSJ Med	Superflex Med
		Unitised Wheels	U2301 8AM	U2401 6AF	U4401 2SF
		Flap Wheels	n/a	F2301 Med A	F2501 VF A
Centerless Polisher		Surface Blend Belts	DSB Coa	DSJ Med	Superflex Med
		Convolute Wheels	D18 SF	DCS	DMA 5AM
		Polybond Wheels	C150-H10BTM	n/a	C240-D4BTM



#### SPEC CHECK

Did you pick the most efficient solution?

The most cost effective method usually involves getting the job done fast and efficiently.

The most dramatic savings come from labour expenses, rather than material costs.

MACHINES		PRODUCT	DEBURRING	CLEANING	BLENDING & FINISHING	REQUIRED ACCESSORY
AUTOMATED EQUIPMENT						
Robotic Equipment		Surface Blend Discs	DSB Coa	DSJ Med	DSJ Med	n/a
		Convolute Wheels	D18 SF	DCS	DMA 5AM	Reduction Bushings
		Polybond Wheels	C150-H10BTM	n/a	C240-D4BTM	Reduction Bushings
		Surface Blend Belts	DSB Coa	DSJ Med	Superflex Med	n/a
		Flap Wheels	n/a	F2301 Med A	F2501 VF A	Reduction Bushings
		Plain Discs	n/a	F2303 HS Med A	F2520 VF A	n/a
		Unitised Wheels	U2301 8AM	U2401 6AF	U4401 2SF	Reduction Bushings

## PORTRABLE MACHINES

MACHINES		PRODUCT	DEBURRING	CLEANING	BLENDING & FINISHING	REQUIRED ACCESSORY
STRAIGHT-SHAFT TOOLS						
Drill		Plain Discs	n/a	F2303 HS Med A	F2520 VF A	Mandrels
		Convolute Wheels	D16 SF	DCS	DMA 5AM	Mandrels
		Polybond Wheels	C150-H10BTM	n/a	C240-D4BTM	Mandrels
		Flap Wheels (Spindle)	n/a	F2301 Med A	F2501 VF A	n/a
		Unitised Wheels	U2301 8AM	U2401 6AF	U4401 2SF	Mandrels
		RapidStrip Wheels/Discs	n/a	R4101 S Ex Coa	n/a	Mandrels
		Lap Mops	n/a	F2520 VF A	F2520 VF A	XL Mandrels
Straight-Shaft Grinder		Plain Discs	n/a	F2303 HS Med A	F2520 VF A	Mandrels
		Convolute Wheels	D19 SF	DCS	DMA 5AM	Mandrels
		Unitised Wheels	U2301 8AM	U2401 6AF	U4401 2SF	Mandrels
		RapidStrip Wheels	n/a	R4101 S Ex Coa	n/a	Mandrels
		Flap Wheels (Spindle)	n/a	F2301 Med A	F2501 VF A	n/a

MACHINES		PRODUCT	DEBURRING	CLEANING	BLENDING & FINISHING	REQUIRED ACCESSORY
<b>STRAIGHT-SHAFT TOOLS</b>						
Die Grinder		Flap Wheels (Spindle)	n/a	F2301 Med A	F2501 VF A	n/a
		Unitised Wheels	U2301 8AM	U2401 6AF	U4401 2SF	Mandrels
		Lap Mops	n/a	F2520 VF A	F2520 VF A	XL Mandrels
Flexible-Shaft Motor e.g. Suhner, Biax		Plain Discs	n/a	F2303 HS Med A	F2520 VF A	Mandrels
		Convolute Wheels	D16 SF	DCS	DMA 5AM	Mandrels
		Polybond Wheels	C150-H10BTM	n/a	C240-D4BTM	Mandrels
		Surface Blend Belts	DSB Coa	DSJ Med	Superflex Med	n/a
		Unitised Wheels	U2301 8AM	U2401 6AF	U4401 2SF	Mandrels
		RapidStrip Wheels	n/a	R4101 S Ex Coa	n/a	Mandrels
		Flap Wheels	n/a	F2301 Med A	F2501 VF A	Mandrels
<b>RIGHT ANGLE TOOLS</b>						
Right Angle Grinder/ Polisher		Surface Blend Discs	DSB Coa	DSJ Med	DSJ Med	Norgrip back up pads
		RapidStrip DPC discs	n/a	R4101 S Ex Coa	n/a	n/a
		RapidFinish DPC discs	U2301 2AM	F2303 HS Med A	U4401 2SF	n/a
		SpeedLok Discs	DSB Coa	R4101 S Ex Coa	DSJ Med	SpeedLok Holders
Vertical Grinder		Surface Blend Discs	DSB Coa	DSJ Med	DSJ Med	Norgrip back up pads
Right Angle Die Grinder/ Mini Grinder		SpeedLok Discs	DSB Coa	R4101 S Ex Coa	DSJ Med	SpeedLok Holders
		Specialised SpeedLok discs	U2301 6AM	F2303 HS Med A	U4401 2SF	SpeedLok Holders
Satinex machine		Satinex Wheels	F2200 A Coa	R4101 S Ex Coa	F2300 Med A	n/a

MACHINES		PRODUCT	DEBURRING	CLEANING	BLENDING & FINISHING	REQUIRED ACCESSORY
<b>BELT TOOLS</b>						
File		Surface blend File belts	DSB Coa	DSJ Med	Superflex Med	n/a
Portable Belt Sander		Surface Blend Belts	DSB Coa	DSJ Med	Superflex Med	n/a
Expander Wheel		Surface Blend Belts	DSB Coa	DSJ Med	Superflex Med	n/a
<b>VIBRATING TOOLS</b>						
Orbital Sander		Plain Discs	n/a	F2303 HS Med A	F2520 VF A	Norgrip back up pads
		Surface Blend Discs	DSB Coa	DSJ Med	DSJ Med	Norgrip back up pads
Straight- Line Sander		Hand Pads	F2302 Extra Cut A	F2504 VF A LL	F4804 UF S	n/a
		Rolls	F2300 Med A	F2504 VF A LL	F4804 UF S	n/a
<b>HAND PAD / MANUAL SANDING</b>						
Hand Applications		Hand Pads	F2302 Extra Cut A	F2504 VF A LL	F4804 UF S	n/a
		Rolls	F2300 Med A	F2504 VF A LL	F4804 UF S	n/a
		Sheets	F2302 Extra Cut A	F2504 VF A LL	F4807 UF S	n/a

Warning - Do not use a product which was not designed specifically for that tool.  
 Always verify that the speed rating of the product meets or exceeds the rating of the tool!



#### SPEC CHECK

Starting point recommendations can vary depending on the level of aggression required, by choosing a different product grade  
 Depending upon performance results, other specifications may be substituted on the basis of product testing.

The best practice is to test at least 2 variations of specifications to obtain the desired result.

Ask your Norton contact for more advice.

## PRODUCT SELECTION- BY APPLICATION

SHORTCUT TO FINDING THE RIGHT PRODUCT...

For deburring or cleaning/finishing, or on completely new operations, the product specifications listed below are recommended as starting points.

Depending upon performance results, other specifications may be substituted on the basis of product testing.

We believe that the best practice is to test at least 2 variations of specifications to obtain the desired result.

### DEBURRING

Medium Burrs	Light Burrs
CONVOLUTE WHEELS	
Series 1000 Long Life 1 - 8 SF C4408	Series 1000 Long Life 1 - 7 SF C4408
or (for extra cut)	
Series 1000 Long Life 1 - 9 SF C4408	
UNITISED WHEELS	
NEX -6AM (or 8AM) U2301	NEX -2SF U4401
Fo Ti and Aerospace Alloys, use 6SF U4401	
RIGHT ANGLE DISCS	
Surface Blending DSJ or DSB	Surface Blending DSJ
Aluminium Oxide 120 Medium	Aluminium Oxide 320 Very Fine
HAND PADS	
F2302 Heavy Duty Extra Cut Tan Pad	F2504 VFA LL Maroon General Pup Pad

### WOOD CONDITIONING

Sanding and Shaping	Finishing and Rubbing
CONVOLUTE WHEELS	
Series 1000 Long Life 1 - 8 SM C4308	F2801 Micro Fine S Gold Pad

## CLEANING AND FINISHING

Clean / Medium Grain Finishing	Fine Grain Finishing
CONVOLUTE WHEELS	
DSS Surf Fin S/C Med Wheel C4302	DCS Clean/Finish S/C Fine Wheel C4401
or	or
Series 1000 Long Life 1 - 6 SM, C4308	Series 1000 Long Life 1 - 6 SF C4408
UNITISED WHEELS	
NEX -4AF U2401	NEX -2SF U4401
FLAP WHEELS	
Med Grit Aluminium Oxide F2301	Fine Grit Aluminium Oxide F2401
Medium Density Flap Wheel	Medium Density Flap Wheel
HAND PADS	
F2504 VFA LL Maroon General Purp	F2801 Micro Fine S Gold Pad
or	
F4300 Medium S Pad for stainless steel	

## HAND PAD APPLICATIONS

Heavy Duty Cleaning & rust removal	Medium Cleaning	Light Cleaning & Finishing
HAND PADS		
F2302 Heavy Duty Extra Cut Pad Tan	F2504 VFA LL General Purpose Pad Maroon	F2801 Mfine S Pad Gold

## MATERIAL IDENTIFICATION

PRODUCT SHAPE	COLOUR	GRADE	GRIT TYPE	SIZE	FIBRE	STRENGTH	
Flastock - Hand Pads - Rolls	White	White Cleaning	None	None	Polyester	Least Aggressive - Most Aggressive	
	Green	General Purpose Clean & Scour	Aluminium Oxide	320	Nylon		
	Gold	Micro Fine A	Aluminium Oxide	1000			
	Gray	Ultra Fine S	Silicon Carbide	800			
	Maroon	Very Fine A	Aluminium Oxide	320			
	Maroon	Fine A	Aluminium Oxide	180			
	Maroon	Medium A	Aluminium Oxide	120			
	Brown	Extra Cut	Aluminium Oxide	80			
	Black	Medium S	Silicon Carbide	60			
Bearflex	Gold	Micro Fine A	Fused Alumina	1000	Nylon	Least Aggressive - Most Aggressive	
	Maroon	Very Fine A	Aluminium Oxide	600			
	Gray	Ultra Fine S	Silicon Carbide	320			
High Strength	Maroon	Very Fine A	Aluminium Oxide	280	Nylon	Least Aggressive - Most Aggressive	
	Maroon	Medium A	Aluminium Oxide	100			
Surface Blending SCM Discs and Belts	Gray	Super Fine	Silicon Carbide	600	Nylon	Least Aggressive - Most Aggressive	
	Blue	Very Fine A	Aluminium Oxide	180			
	Maroon	Medium	Aluminium Oxide	100			
	Maroon	Heavy Medium	Aluminium Oxide	80			
	Brown	Coarse	Aluminium Oxide	50			
	Dark Brown	Extra Coarse	Aluminium Oxide	46			
Rapid Strip	Black	Extra Coarse	Silicon Carbide	36	Nylon	Least Aggressive - Most Aggressive	
Floor Pads Thick Line General Purpose	White	White Super Gloss	None		Nylon	Least Aggressive - Most Aggressive	
	Beige	Beige Polish & Burnish	Aluminium Oxide				
	Maroon	Red Buffer	Aluminium Oxide				
	Blue	Blue Super Clean	Aluminium Oxide				
	Green	Green Super Scrub	Aluminium Oxide				
	Black	Black Super Strip	Aluminium Oxide				
Floor Pads Thin Line General Purpose	White	White	None		Nylon	Least - Most Aggressive	
	Tan	Tan	Aluminium Oxide				
	Green	General Purpose Pad	Aluminium Oxide				
	Black	Black Strip	Aluminium Oxide				

Finishing characteristics of non-woven abrasives are determined by many attributes in addition to grain size, the data provided here is for reference only - and cannot be considered as a specification of our products.

Sizes - colours are approximate.

## SAFETY ADVICE - DO'S & DON'TS

For your safety you should ensure that you are fully aware of how to safely use abrasives

<input checked="" type="checkbox"/>	DO	Read the safety instructions provided by the abrasives and equipment supplier
<input checked="" type="checkbox"/>	DO	Store abrasives in dry, frost-free conditions avoiding wide variations in temperature
<input checked="" type="checkbox"/>	DO	Ensure that the product is suitable for its purpose
<input checked="" type="checkbox"/>	DO	Handle, store and transport products with care
<input checked="" type="checkbox"/>	DO	Disconnect the power to the machine before fitting the product
<input checked="" type="checkbox"/>	DO	Examine all products before mounting and periodically during use for possible defects or damage (core flatness, fatigue cracks, undercutting, arbor hole damage...)
<input checked="" type="checkbox"/>	DO	Check that correct mounting devices are used and that they are clean, undistorted and free from burrs
<input checked="" type="checkbox"/>	DO	Ensure that work rests are properly adjusted and secure
<input checked="" type="checkbox"/>	DO	Always use a correctly designed and adjusted guard (on belts)
<input checked="" type="checkbox"/>	DO	Ensure that the workpiece is secure
<input checked="" type="checkbox"/>	DO	Wear appropriate personal protective equipment at all times
<input checked="" type="checkbox"/>	DO	Avoid clogging and uneven wear to ensure that the product is working efficiently
<input checked="" type="checkbox"/>	DO	Ensure accordance between product direction arrow / machine rotation
<input checked="" type="checkbox"/>	DO	Ensure that all machines using abrasives meet the requirements of the current European machinery directives-CE
<input checked="" type="checkbox"/>	DO	Be aware of the hazards likely during the use of abrasives and observe the recommended precautions to be taken: <ul style="list-style-type: none"><li>• Bodily contact with the abrasive product at operating speed</li><li>• Injury resulting from product breakage during use</li><li>• Grinding debris, sparks, fumes and dust generated by the grinding process</li><li>• Noise</li><li>• Vibration</li></ul>

## SAFETY ADVICE - DO'S & DON'TS

For your safety you should ensure that you are fully aware of how to safely use abrasives.

<b>X</b>	DON'T	Allow untrained people to use abrasives
<b>X</b>	DON'T	Use a product that is damaged
<b>X</b>	DON'T	Use a product if it cannot be properly identified
<b>X</b>	DON'T	Use a machine that is not in good working order or one with defective parts
<b>X</b>	DON'T	Force the abrasive onto the mounting device or modify the size of the mounting hole
<b>X</b>	DON'T	Exceed the maximum operating speed marked on the product
<b>X</b>	DON'T	Apply shock or excessive force to the product or let it overheat
<b>X</b>	DON'T	Use mounting flanges which are not clean and flat
<b>X</b>	DON'T	Tighten the mounting device excessively
<b>X</b>	DON'T	Start the machine until the guard is in place and fastened securely
<b>X</b>	DON'T	Continue to use a product if vibration occurs. True or replace it
<b>X</b>	DON'T	Grind on the part of the product which is not designed for the operation
<b>X</b>	DON'T	Start the machine with the workpiece in contact with the abrasive product
<b>X</b>	DON'T	Grind material for which the product is not designed
<b>X</b>	DON'T	Stop the abrasive by applying pressure to its surface, let it stop naturally
<b>X</b>	DON'T	Wear loose clothing, ties and jewellery
<b>X</b>	DON'T	Use abrasive products near flammable materials

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