

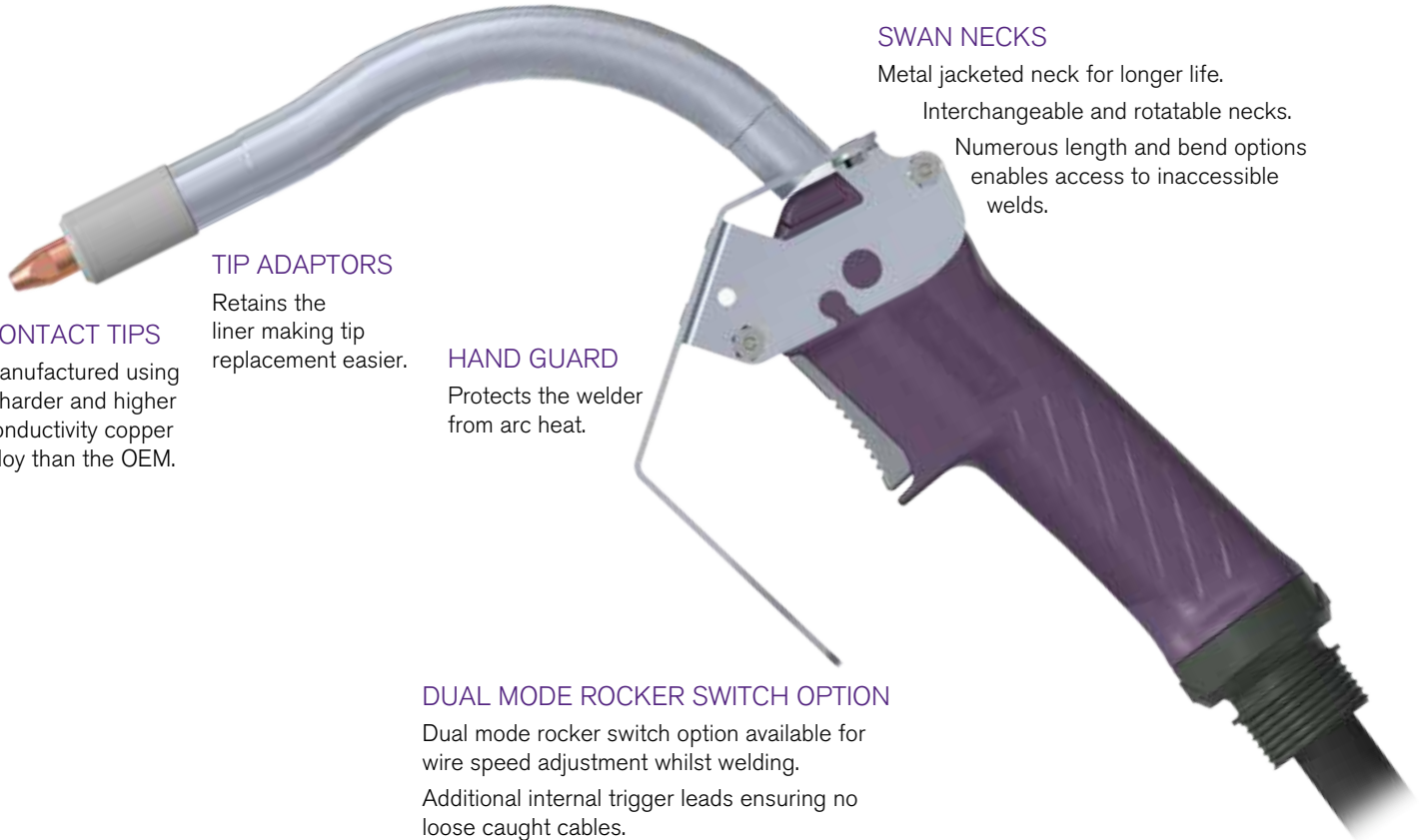
PRO-FC



The Parweld PRO-FC self-shielding flux cored welding torch range has been specifically designed for use with gasless flux cored wires, and is ideal for outdoor operations such as pipeline welding.

WELDING WHERE EVER

KEY FEATURES



CONTACT TIPS
Manufactured using a harder and higher conductivity copper alloy than the OEM.

TIP ADAPTORS
Retains the liner making tip replacement easier.

HAND GUARD
Protects the welder from arc heat.

SWAN NECKS

Metal jacketed neck for longer life.

Interchangeable and rotatable necks.
Numerous length and bend options enables access to inaccessible welds.

DUAL MODE ROCKER SWITCH OPTION

Dual mode rocker switch option available for wire speed adjustment whilst welding.
Additional internal trigger leads ensuring no loose caught cables.

FLEXIBLE CABLE SYSTEMS

Heavy duty steel coil conduit cable assemblies offer outstanding flexibility and the highest heat and abrasion resistance of any known cable.



KNUCKLE JOINT

Improved manoeuvrability.
Small movements of the handle and neck are possible independently of the cable assembly.

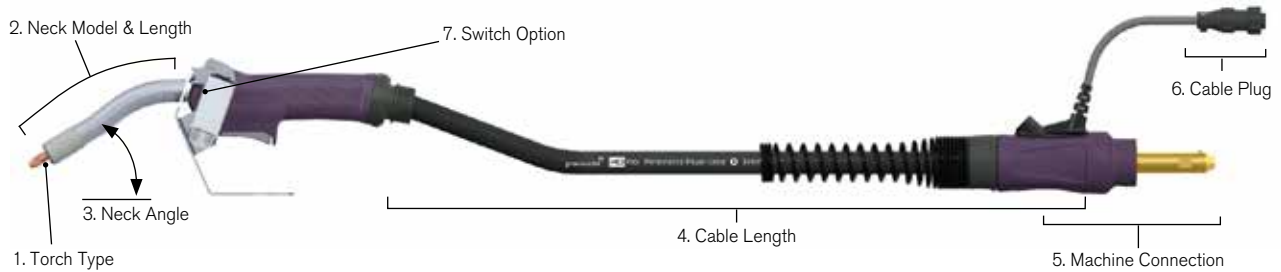


PRO-FC MIG TORCH RANGE



		PRO-FC 350A	PRO-FC 450A	
STOCK CODE	European Build	8ft	LNE3500-08E	LNE4500-08E
		10ft	LNE3500-10E	LNE4500-10E
		15ft	LNE3500-15E	LNE4500-15E
	USA Build	8ft	LNU3500-08E	LNU4500-08E
		10ft	LNU3500-10E	LNU4500-10E
		15ft	LNU3500-15E	LNU4500-15E
COOLING		Air	Air	
RATING		350A	450A	
DUTY CYCLE		60%	60%	
WIRE SIZE		1.0mm-2.4mm (.040"-3/32")	1.6mm-3.2mm (1/16"-1/8")	

PRO-FC ORDERING GUIDE



Package Stock Code Example:

European Pro-FC Torch, model 350A 6" long neck standard build, with a 30° angle, 3 metre (10ft) long cable, Miller® machine connection with a ERCP1 cable plug with a rocker switch.

LNE 35 30 - 10 M 1 R

1. TORCH TYPE	
STOCK CODE	TYPE
LNE	European
LNU	USA

2. NECK MODEL & LENGTH		
STOCK CODE	MODEL	LENGTH
35	350A	6"
45	450A	9"

3. NECK ANGLE	
STOCK CODE	ANGLE
00	Standard build
05	5°
25	25°
30	30°
45	45°
50	50°
60	60°
70	70°

5. MACHINE CONNECTION	
STOCK CODE	DESCRIPTION
E	Euro
M	Miller®
T	Tweco® No.4
H	Hobart®
LS	Lincoln Electric® SP
LN	Lincoln Electric® LN
N	NAS

4. CABLE LENGTH	
STOCK CODE	LENGTH
08	2.4m (8ft)
10	3m (10ft)
15	4.5m (15ft)

7. SWITCH OPTION	
STOCK CODE	
	Standard Build
R (As illustrated)	Rocker Switch

6. CABLE PLUG
Alternative cable plugs available
See pages 193 - 194 for full list and details. USA Machine Connections are supplied with the appropriate switch cable plug. Only add a plug code if an alternative is required.

Standard Build:

Depending on the model selected, the torch packages are supplied fitted with a 1.6mm or 2.0mm wire contact tip, a liner to suit and insulated guide or thread protector as standard build.

Neck Selection:

Not every variant of neck angle is available for some lengths. For further information see Neck Range pages or data sheet.

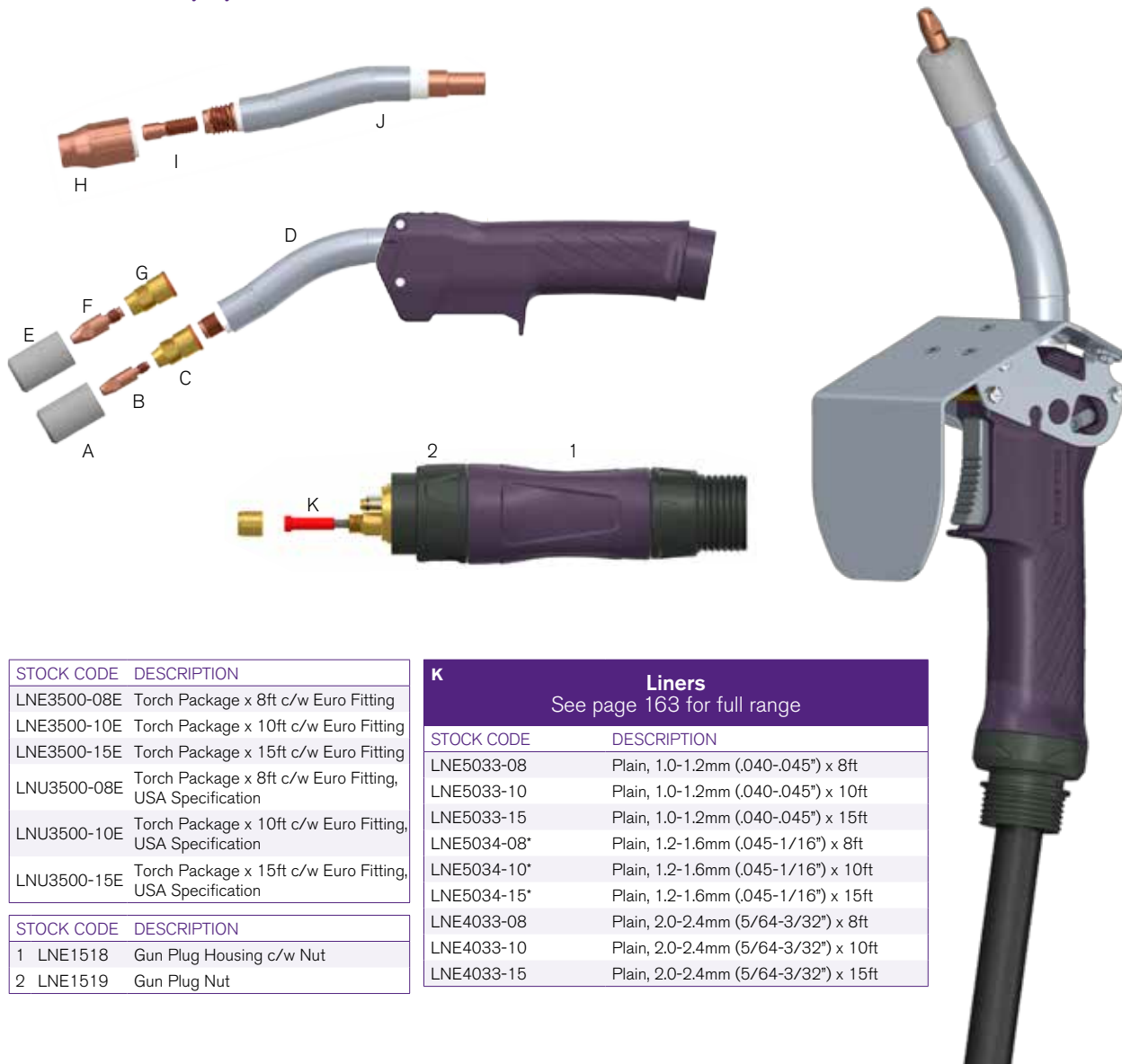
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PRO-FC 350A

SELF SHIELDED FLUX CORE WELDING TORCH

350A @ 60% Duty Cycle, EN60974-7, 1.0mm-2.4mm (.040"-3/32") Wires



STOCK CODE	DESCRIPTION
LNE3500-08E	Torch Package x 8ft c/w Euro Fitting
LNE3500-10E	Torch Package x 10ft c/w Euro Fitting
LNE3500-15E	Torch Package x 15ft c/w Euro Fitting
LNU3500-08E	Torch Package x 8ft c/w Euro Fitting, USA Specification
LNU3500-10E	Torch Package x 10ft c/w Euro Fitting, USA Specification
LNU3500-15E	Torch Package x 15ft c/w Euro Fitting, USA Specification

STOCK CODE	DESCRIPTION
1 LNE1518	Gun Plug Housing c/w Nut
2 LNE1519	Gun Plug Nut

K Liners See page 163 for full range	
STOCK CODE	DESCRIPTION
LNE5033-08	Plain, 1.0-1.2mm (.040-.045") x 8ft
LNE5033-10	Plain, 1.0-1.2mm (.040-.045") x 10ft
LNE5033-15	Plain, 1.0-1.2mm (.040-.045") x 15ft
LNE5034-08*	Plain, 1.2-1.6mm (.045-1/16") x 8ft
LNE5034-10*	Plain, 1.2-1.6mm (.045-1/16") x 10ft
LNE5034-15*	Plain, 1.2-1.6mm (.045-1/16") x 15ft
LNE4033-08	Plain, 2.0-2.4mm (5/64-3/32") x 8ft
LNE4033-10	Plain, 2.0-2.4mm (5/64-3/32") x 10ft
LNE4033-15	Plain, 2.0-2.4mm (5/64-3/32") x 15ft

EUROPEAN CONSUMABLES:

Thread Protector

STOCK CODE	TIP SIZE
LNE3502*	M6

Contact Tips

STOCK CODE	WIRE SIZE	MATERIAL
LNE2504-10	1.0mm (.040")	ECu
LNE2504-12	1.2mm (.045")	ECu
LNE2504-14	1.4mm (.055")	ECu
LNE2504-16*	1.6mm (1/16")	ECu

Tip Adaptor

STOCK CODE	TIP SIZE
LNE3506	M6

Swan Neck

STOCK CODE	LENGTH	ANGLE
LNE35630	6"	30°

Thread Protector

STOCK CODE	TIP SIZE
LNE4502	M8/M10

Contact Tips

STOCK CODE	WIRE SIZE	MATERIAL
LNE4014-10	1.0mm (.040")	ECu
LNE4014-12	1.2mm (.045")	ECu
LNE4014-14	1.4mm (.055")	ECu
LNE4014-16	1.6mm (1/16")	ECu
LNE4014-20	2.0mm (5/64")	ECu
LNE4014-24	2.4mm (3/32")	ECu

Tip Adaptor

STOCK CODE	TIP SIZE
LNE4508	M8

Swan Neck

STOCK CODE	LENGTH	ANGLE
LNE35630	6"	30°

US CONSUMABLES:

Medium Insulating Guide - USA Specification

STOCK CODE	CONTACT TIP	WORK DISTANCE
KP1965-1	70mm (2.3/4")	

Short Insulating Guide - USA Specification

STOCK CODE	CONTACT TIP	WORK DISTANCE
KP1971-1	38mm (1.1/2")	

Contact Tips - USA Specification

STOCK CODE	WIRE SIZE
KP2103-2B1	1.6mm (1/16")
KP2103-1B1	1.8mm (.072")
KP2103-5B1	2.0mm (5/64")
KP2103-4B1	2.4mm (3/32")

Swan Neck - USA Specification

STOCK CODE	LENGTH	ANGLE
KP1908	6"	10°

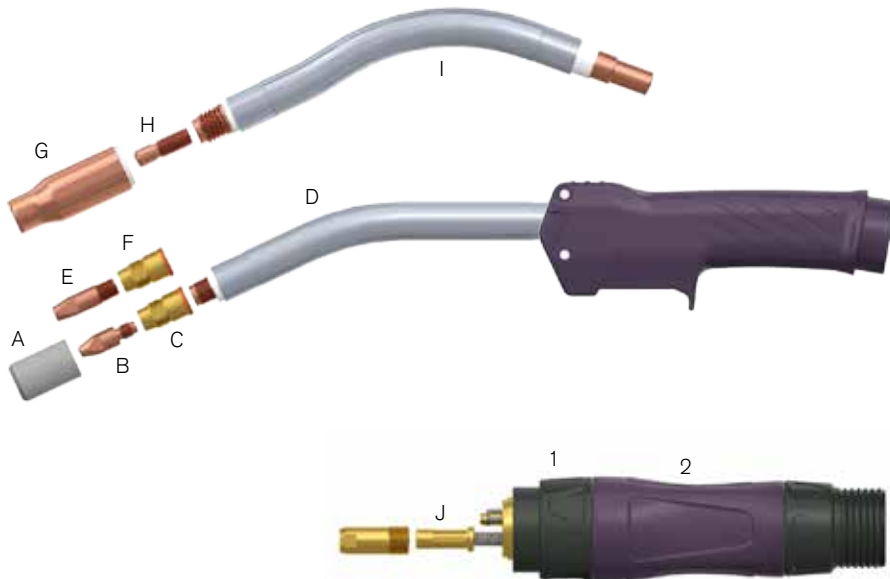
* Denotes standard build



PRO-FC 450A

SELF SHIELDED FLUX CORE WELDING TORCH

450A, @ 60% Duty Cycle, EN60974-7, 1.6mm-3.2mm (1/16"-1/8") Wires



STOCK CODE	DESCRIPTION
LNE4500-08E	Torch Package x 8ft c/w Euro Fitting
LNE4500-10E	Torch Package x 10ft c/w Euro Fitting
LNE4500-15E	Torch Package x 15ft c/w Euro Fitting
LNU4500-08E	Torch Package x 8ft c/w Euro Fitting, USA Specification
LNU4500-10E	Torch Package x 10ft c/w Euro Fitting, USA Specification
LNU4500-15E	Torch Package x 15ft c/w Euro Fitting, USA Specification

STOCK CODE	DESCRIPTION
1 LNE1518	Gun Plug Housing c/w Nut
2 LNE1519	Gun Plug Nut

J Liners	
See page 163 for full range	
STOCK CODE	DESCRIPTION
LNE6033-08*	Plain, 1.6-2.4mm (1/16-3/32") x 8ft
LNE6033-10*	Plain, 1.6-2.4mm (1/16-3/32") x 10ft
LNE6033-15*	Plain, 1.6-2.4mm (1/16-3/32") x 15ft
LNE6035-08	Plain, 2.8-3.2mm (.11-1/8") x 8ft
LNE6035-10	Plain, 2.8-3.2mm (.11-1/8") x 10ft
LNE6035-15	Plain, 2.8-3.2mm (.11-1/8") x 15ft

EUROPEAN CONSUMABLES:

Thread Protector

A

STOCK CODE	TIP SIZE
LNE4502	M8/M10

Contact Tips

B

STOCK CODE	WIRE SIZE
LNE4014-10	1.0mm (.040")
LNE4014-12	1.2mm (.045")
LNE4014-14	1.4mm (.055")
LNE4014-16	1.6mm (1/16")
LNE4014-20	2.0mm (5/64")
LNE4014-24	2.4mm (3/32")

Tip Adaptor

C

STOCK CODE	TIP SIZE
LNE4508	M8

Swan Neck

D

STOCK CODE	LENGTH	ANGLE
LNE45925	9"	25°

Thread Protector

A

STOCK CODE	TIP SIZE
LNE4502	M8/M10

Contact Tips

E

STOCK CODE	WIRE SIZE
LNE4524-16	1.6mm (1/16")
LNE4524-20	2.0mm (5/64")
LNE4524-24	2.4mm (3/32")
LNE4524-28	2.8mm (7/64")
LNE4524-32	3.2mm (1/8")

Tip Adaptor

F

STOCK CODE	TIP SIZE
LNE4510	M10

Swan Neck

D

STOCK CODE	LENGTH	ANGLE
LNE45925	9"	25°

US CONSUMABLES:

Medium Insulating Guide - USA Specification

G

STOCK CODE	CONTACT TIP WORK DISTANCE
KP1965-1	70mm/2.3/4"

Short Insulating Guide - USA Specification

H

STOCK CODE	CONTACT TIP WORK DISTANCE
KP1971-1	38mm/1.1/2"

Contact Tips - USA Specification

H

STOCK CODE	WIRE SIZE
KP2103-2B1	1.6mm (1/16")
KP2103-1B1	1.8mm (.072")
KP2103-5B1	2.0mm (5/64")
KP2103-4B1	2.4mm (3/32")
KP2103-6B1	2.8mm (7/64")
KP2103-3B1	3.0mm (.118")

Swan Neck - USA Specification

I

STOCK CODE	LENGTH	ANGLE
KP1910	9"	45°
KP1907 (NI)	9"	70°






PRO-FC SWAN NECKS

EUROPEAN SPECIFICATION:

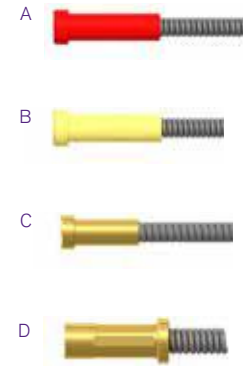
Swan Necks									
	STOCK CODE	LENGTH	ANGLE	STOCK CODE	LENGTH	ANGLE	STOCK CODE	LENGTH	ANGLE
	LNE35605	6"	5°	LNE35630	6"	30°	LNE35650	6"	50°
Swan Necks									
	STOCK CODE	LENGTH	ANGLE	STOCK CODE	LENGTH	ANGLE	STOCK CODE	LENGTH	ANGLE
	LNE45925	9"	25°	LNE45945	9"	45°	LNE45970	9"	70°

USA SPECIFICATION:

Swan Necks - USA Specification									
	STOCK CODE	LENGTH	ANGLE	STOCK CODE	LENGTH	ANGLE	STOCK CODE	LENGTH	ANGLE
	KP1908	6"	10°	KP1910	9"	45°	KP1907	9"	70°

PRO-FC EURO CONNECTOR LINERS

		STOCK CODE	LENGTH	WIRE SIZE	LNE 350A	LNE 450A
Liners	PLAIN	A LNE5033-08	8ft	1.0-1.2mm (.040-.045")	■	
		LNE5033-10	10ft	1.0-1.2mm (.040-.045")	■	
		LNE5033-15	15ft	1.0-1.2mm (.040-.045")	■	
		B LNE5034-08	8ft	1.2-1.6mm (.045-1/16")	■	
		LNE5034-10	10ft	1.2-1.6mm (.045-1/16")	■	
		LNE5034-15	15ft	1.2-1.6mm (.045-1/16")	■	
		C LNE4033-08	8ft	2.0-2.4mm (5/64-3/32")	■	
		LNE4033-10	10ft	2.0-2.4mm (5/64-3/32")	■	
		LNE4033-15	15ft	2.0-2.4mm (5/64-3/32")	■	
		D LNE6033-08	8ft	1.6-2.4mm (1/16-3/32")		■
		LNE6033-10	10ft	1.6-2.4mm (1/16-3/32")		■
		LNE6033-15	15ft	1.6-2.4mm (1/16-3/32")		■
	LNE6034-08	8ft	2.4mm (3/32")		■	
	LNE6034-10	10ft	2.4mm (3/32")		■	
	LNE6034-15	15ft	2.4mm (3/32")		■	
	LNE6035-08	8ft	2.8-3.2mm (.11-1/8")		■	
LNE6035-10	10ft	2.8-3.2mm (.11-1/8")		■		
LNE6035-15	15ft	2.8-3.2mm (.11-1/8")		■		



■ Solid Box = Recommended Liner

PRO-FC DIRECT PIN CONNECTOR LINERS

Only to be used in conjunction with modular power pins

		STOCK CODE	LENGTH	WIRE SIZE	LNE 350A	LNE 450A
Liners	PLAIN	A LNE5033-08P	8ft	1.0-1.2mm (.040-.045")	■	
		LNE5033-10P	10ft	1.0-1.2mm (.040-.045")	■	
		LNE5033-15P	15ft	1.0-1.2mm (.040-.045")	■	
		LNE5034-08P	8ft	1.2-1.6mm (.045-1/16")	■	
		LNE5034-10P	10ft	1.2-1.6mm (.045-1/16")	■	
		LNE5034-15P	15ft	1.2-1.6mm (.045-1/16")	■	
		LNE4033-08P	8ft	2.0-2.4mm (5/64-3/32")	■	
		LNE4033-10P	10ft	2.0-2.4mm (5/64-3/32")	■	
		LNE4033-15P	15ft	2.0-2.4mm (5/64-3/32")	■	
		B LNE6033-08P	8ft	1.6-2.4mm (1/16-3/32")		■
		LNE6033-10P	10ft	1.6-2.4mm (1/16-3/32")		■
		LNE6033-15P	15ft	1.6-2.4mm (1/16-3/32")		■
	LNE6034-08P	8ft	2.4mm (3/32")		■	
	LNE6034-10P	10ft	2.4mm (3/32")		■	
	LNE6034-15P	15ft	2.4mm (3/32")		■	
	LNE6035-08P	8ft	2.8-3.2mm (.11-1/8")		■	
	LNE6035-10P	10ft	2.8-3.2mm (.11-1/8")		■	
	LNE6035-15P	15ft	2.8-3.2mm (.11-1/8")		■	



■ Solid Box = Recommended Liner
□ Clear Box = Compatible Liner

0.6-0.9mm Wire ■ Blue
1.0-1.2mm Wire ■ Red
1.2-1.6mm Wire ■ Yellow



MIG TORCH END CONNECTOR OPTIONS

Our MIG torches come with a euro connection as standard. If you require a different connection for your torch, simply update the torch part number when ordering.

With any MIG air cooled torch from any MIG torch range, change the last letter from 'E' (for the Euro fitting) to one of the power pin stock code letters.

Example - For a Tweco® termination XP8 300A the standard Euro terminated torch package stock code changes from XP300A-40E to XP300A-40T.



STOCK CODE	MACHINE TYPE
T	Tweco®
M	Miller®
N	NAS
LS	Lincoln Electric® SP
H	Hobart®
MX	Miller® - Small Housing
NX	NAS - Small Housing

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MODULAR POWER PIN TORCH CONVERSION KIT

FEATURES AND BENEFITS

The modular power pins can easily be changed over enabling a torch to be used more flexibly on a wide range of American type MIG power sources.

A modular adaptor body replaces the Euro plug. Torches can be supplied converted or a conversion kit is available to change an existing Euro fitting torch to the modular power pin system.

A wide range of power pin kits are available, made for each torch range to suit the liner fitting. A pin kit consists of a power pin complete with a switch lead assembly.

The chosen modular pin is screwed into the adaptor body, the switch lead assembly installed to the torch housing and terminals connected.

Kit Ordering Guide

To order a replacement/alternative pin and switch lead kit, follow the part number key shown below.

The example is for a Tweco® pin termination kit for an XP8 air cooled torch already fitted with a modular pin adaptor body, the number will be as shown.

TW 2022 MK

1. PIN/MACHINE TYPE		2. TORCH RANGE		3. KIT TYPE	
STOCK CODE	MACHINE TYPE	STOCK CODE	RANGE	STOCK CODE	DESCRIPTION
TW	Tweco® No.4	2022	XP8	MK	Modular Kit
ML	Miller®	1528	BZL		
NS	NAS	1575	TWC		
LS	Lincoln Electric® SP	5060	BND		
HB	Hobart®	414	TRG		
		6028	PRO-FC		

MODULAR ADAPTOR BODY KITS*

RANGE	STOCK CODE	DESCRIPTION
XP8	XP2022A	Adaptor Body
BZL, PRO-FC 350A	BZL1528AK	Adaptor Body c/w M10 Connector
TWC	XP2022A	Adaptor Body
BND	BND5060AK	Adaptor Body c/w 1/4" NPT Connector
TRG	TRG414AK	Adaptor Body c/w 9/16" UNF Connector
PRO FC 450A	LNE450AK	Adaptor Body c/w M14 Connector

*Required if your torch is not already fitted with a modular power pin.

