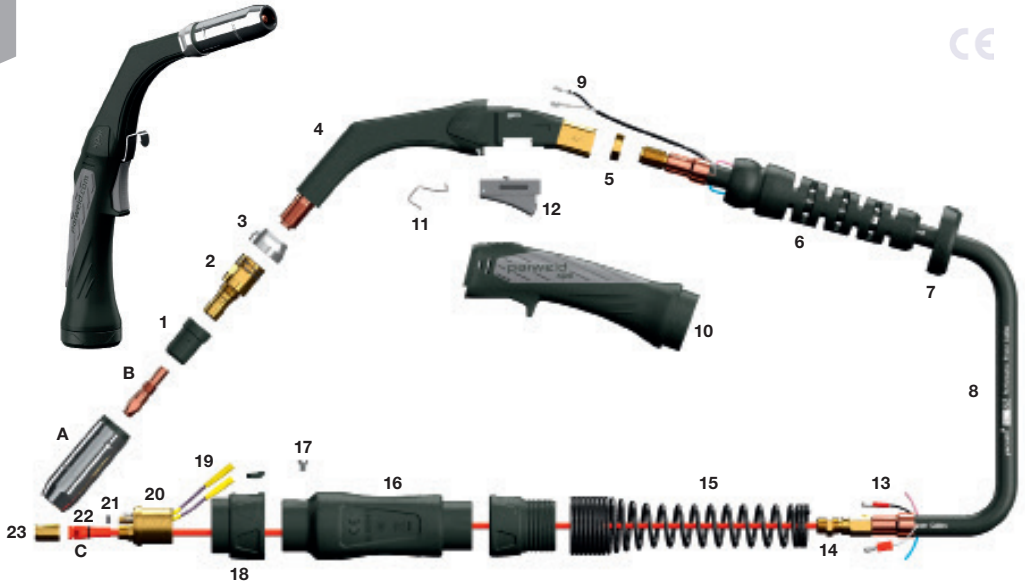


## XP8 350A

### Air Cooled MIG Welding Torch

350A, 10.5kW, Mixed Gas (80/20) @ 80% Duty Cycle, EN60974-7 .040"-1/16"/1.0mm to 1.6mm Wires



### Selecting the correct XP8 Torch

Amperages and duty cycles alone are arbitrary measures of a torches capability.

For a more accurate appreciation wire type, gas type, flow rate and open circuit voltage must all be taken into consideration.

The XP8 is rated in Amps as a guideline but the Kilowattage requirement of a given application provides a far more accurate method for calculating torch selection.

Kilowattage represents the total power rating required and is calculated as follows:

$$\frac{\text{Welding Amps} \times \text{Welding Volts}}{1000} = \text{kW}$$

(Amps x Volts = Watts , 1000 Watts = 1 kW)

Table to show the affect on XP8 performance when using alternate gas types

Model	Mixed Gas (80/20)		Mixed Gas (95/5)		100% CO <sub>2</sub>	
	Amps	kW	Amps	kW	Amps	kW
XP8-350A	350	10.5	300	9.0	425	14.9

Note: All ratings are based on a nominal gas flow of 18lpm. A lower gas flow will result in an increase in working temperature but it will not have any adverse affect as long as the gas flow is within the accepted limits for the welding amperage.

**Models**

Stock Code	Description
XP350A-30E	Welding Torch Package c/w Euro Fitting x 3m
XP350A-40E	Welding Torch Package c/w Euro Fitting x 4m
XP350A-50E	Welding Torch Package c/w Euro Fitting x 5m

**Nozzles**

Stock Code	Description
A XP3002-13	Tapered Nozzle 1/2"/13mm
XP3002-16*	Conical Nozzle 5/8"/16mm
XP3002-16L	Conical Nozzle 5/8"/16mm Extended
XP3002-19	Cylindrical Nozzle 3/4"/19mm
XP3002-19L	Cylindrical Nozzle 3/4"/19mm Extended

**Contact Tips**

Stock Code	Description
B XP3003-10	Contact Tip .040"/1.0mm M10 CuCrZr
XP3003-10A	Contact Tip .040"/1.0mm M10 CuCrZr Al
XP3003-12*	Contact Tip .045"/1.2mm M10 CuCrZr
XP3003-12A	Contact Tip .045"/1.2mm M10 CuCrZr Al
XP3003-13	Contact Tip .052"/1.3mm M10 CuCrZr
XP3003-14	Contact Tip .055"/1.4mm M10 CuCrZr
XP3003-16	Contact Tip 1/16"/1.6mm M10 CuCrZr

**Liners**

Stock Code	Description
C XP3524-12-30*	Steel Liner .040-.045"/1.0-1.2mm x 3m/10ft
XP3524-12-40*	Steel Liner .040-.045"/1.0-1.2mm x 4m/13ft
XP3524-12-50*	Steel Liner .040-.045"/1.0-1.2mm x 5m/16ft
XP3524-16-30	Steel Liner .045-.063"/1.2-1.6mm x 3m/10ft
XP3524-16-40	Steel Liner .045-.063"/1.2-1.6mm x 4m/13ft
XP3524-16-50	Steel Liner .045-.063"/1.2-1.6mm x 5m/16ft
NI XP2024PC-12-30	Poly-Copper Liner .030-.045"/0.8-1.2mm x 3m/10ft
XP2024PC-12-40	Poly-Copper Liner .030-.045"/0.8-1.2mm x 4m/13ft
XP2024PC-12-50	Poly-Copper Liner .030-.045"/0.8-1.2mm x 5m/16ft
XP3524PC-16-30	Poly-Copper Liner .045-.063"/1.2-1.6mm x 3m/10ft
XP3524PC-16-40	Poly-Copper Liner .045-.063"/1.2-1.6mm x 4m/13ft
XP3524PC-16-50	Poly-Copper Liner .045-.063"/1.2-1.6mm x 5m/16ft
XP2024PS-12-30	Poly-Steel Liner .030-.045"/0.8-1.2mm x 3m/10ft
XP2024PS-12-40	Poly-Steel Liner .030-.045"/0.8-1.2mm x 4m/13ft
XP2024PS-12-50	Poly-Steel Liner .030-.045"/0.8-1.2mm x 5m/16ft
XP3524PS-16-30	Poly-Steel Liner .045-.063"/1.2-1.6mm x 3m/10ft
XP3524PS-16-40	Poly-Steel Liner .045-.063"/1.2-1.6mm x 4m/13ft
XP3524PS-16-50	Poly-Steel Liner .045-.063"/1.2-1.6mm x 5m/16ft

**Components**

\* Denotes Standard Build

Stock Code	Description
1 XP3004B*	Diffuser-Moulded c/w Ceramic Insert-M10 Head
NI XP3004C	Diffuser-Ceramic-M10 Head
2 XP3505*	Head Assembly-M10 Tips
3 XP3506A*	Aluminium Heat Shield-M10 Head
NI XP3506B	Heat Shield-Moulded-M10 Head
4 XP3501	Swan Neck
5 XP3507	Lock Nut M14
6 XP3088	Cable Support
7 XP3009	Handle Lock Nut
8 XP3510-30	Hyperflex™ Cable Assembly x 3m/10ft
XP3510-40	Hyperflex™ Cable Assembly x 4m/13ft
XP3510-50	Hyperflex™ Cable Assembly x 5m/16ft
9 XP2011	Cable Terminal Female
10 XP2112	Handle Kit c/w Lock Nut and Support
11 XP2013	Hanger Hook
12 XP2014	Trigger Assembly
13 XP2015	Cable Terminal Male
14 XP2016	Lock Nut M12
15 XP3017	Cable Support
16 XP2018	Air Cooled Gun Plug Housing c/w Nut
17 XP2019	Gun Plug Screw
18 XP2020	Gun Plug Nut
19 Spring Pin 2	Spring Pin Assembly
20 XP2022	Gun Plug Body c/w Spring Pins
21 XP2023	Euro Body 'O' Ring
22 XP2025	Liner Nipple 'O' Rings
23 XP2026	Liner Retaining Nut

Parweld XP8 Torches enable you to repair the Neck End of the Power Cable, please use Stock Code: XP3542: 350A Power Cable Repair Kit