

# PROLINE

professional welding supplies

## XP8 200A

AIR COOLED MIG TORCH

200A, 6kW, Mixed Gas (80/20) @ 80% Duty Cycle, EN60974-7, 0.6mm-1.2mm (.023"-0.045") Wires



STOCK CODE	DESCRIPTION
XP200A-30E	Torch Package c/w Euro Fitting x 3m
XP200A-40E	Torch Package c/w Euro Fitting x 4m
XP200A-50E	Torch Package c/w Euro Fitting x 5m

STOCK CODE	DESCRIPTION
1 XP2006A*	Aluminium Heat Shield - M8 Head
NI XP2006B	Heat Shield - Moulded - M8 Head
2 XP2001	Swan Neck
3 XP2020	Gun Plug Nut
4 XP2018	Air Cooled Gun Plug Housing c/w Nut
5 XP2014	Trigger

H Liners See page 42 for full range	
STOCK CODE	DESCRIPTION
XP2024-09-30	Steel 0.6-0.9mm (.023-.035") x 3m
XP2024-09-40	Steel 0.6-0.9mm (.023-.035") x 4m
XP2024-09-50	Steel 0.6-0.9mm (.023-.035") x 5m
XP2024-12-30*	Steel 1.0-1.2mm (.040-.045") x 3m
XP2024-12-40*	Steel 1.0-1.2mm (.040-.045") x 4m
XP2024-12-50*	Steel 1.0-1.2mm (.040-.045") x 5m
XP2024PC-12-30	Poly-Copper 0.8-1.2mm (.030-.045") x 3m
XP2024PC-12-40	Poly-Copper 0.8-1.2mm (.030-.045") x 4m
XP2024PC-12-50	Poly-Copper 0.8-1.2mm (.030-.045") x 5m
XP2024PS-12-30	Poly-Steel 0.8-1.2mm (.030-.045") x 3m
XP2024PS-12-40	Poly-Steel 0.8-1.2mm (.030-.045") x 4m
XP2024PS-12-50	Poly-Steel 0.8-1.2mm (.030-.045") x 5m

**Tapered Nozzles**

**A**

80mm (3.15")  
 Ø25mm Bore  
 3mm (1/8") tip recess  
 Ø19mm

STOCK CODE	STYLE	BORE
XP2002-07T	Tapered	7mm (9/32")
XP2002-10T	Tapered	10mm (3/8")

**Tapered Contact Tips**

**B**

50mm (1.97")  
 Ø8mm  
 M8

STOCK CODE	WIRE SIZE	MATERIAL
XP2003-06T	0.6mm (.023")	CuCrZr
XP2003-08T	0.8mm (.030")	CuCrZr
XP2003-09T	0.9mm (.035")	CuCrZr
XP2003-10T	1.0mm (.040")	CuCrZr
XP2003-12T	1.2mm (.045")	CuCrZr

**Tapered Head Assembly**

**C**

50mm (1.97")  
 M8  
 1/4" BSP  
 Ø19mm

STOCK CODE	TIP THREAD
XP2005T	M8

**Nozzles**

**D**

65mm (2.55")  
 Ø25mm Bore  
 Flush tip recess  
 Ø19mm

STOCK CODE	STYLE	BORE
XP2002-10	Tapered	10mm (3/8")

68mm (2.67")  
 Ø25mm Bore  
 2.4mm (3/32") tip recess  
 Ø19mm

STOCK CODE	STYLE	BORE
XP2002-13	Tapered	13mm (1/2")
XP2002-16*	Conical	16mm (5/8")
XP2002-19	Cylindrical	19mm (3/4")

**Extended Nozzles**

72mm (2.83")  
 Ø25mm Bore  
 6.5mm (1/4") tip recess  
 Ø19mm

STOCK CODE	STYLE	BORE
XP2002-16L	Conical Ext	16mm (5/8")
XP2002-19L	Cylindrical Ext	19mm (3/4")

**Contact Tips**

**E**

38mm (1 1/2")  
 Ø8mm  
 M8

XP2003-06	0.6mm (.023")	CuCrZr
XP2003-08	0.8mm (.030")	CuCrZr
XP2003-09	0.9mm (.035")	CuCrZr
XP2003-10*	1.0mm (.040")	CuCrZr
XP2003-12	1.2mm (.045")	CuCrZr
XP2003-10A	1.0mm (.040")	CuCrZr, Al
XP2003-12A	1.2mm (.045")	CuCrZr, Al

**Diffusers**

**F**

26mm (1.02")  
 Ø8.4mm  
 9/16" UNF

STOCK CODE	TYPE	HEAD
XP2004B*	Plastic	M8
XP2004C (Ni)	Ceramic	M8

**Head Assembly**

**G**

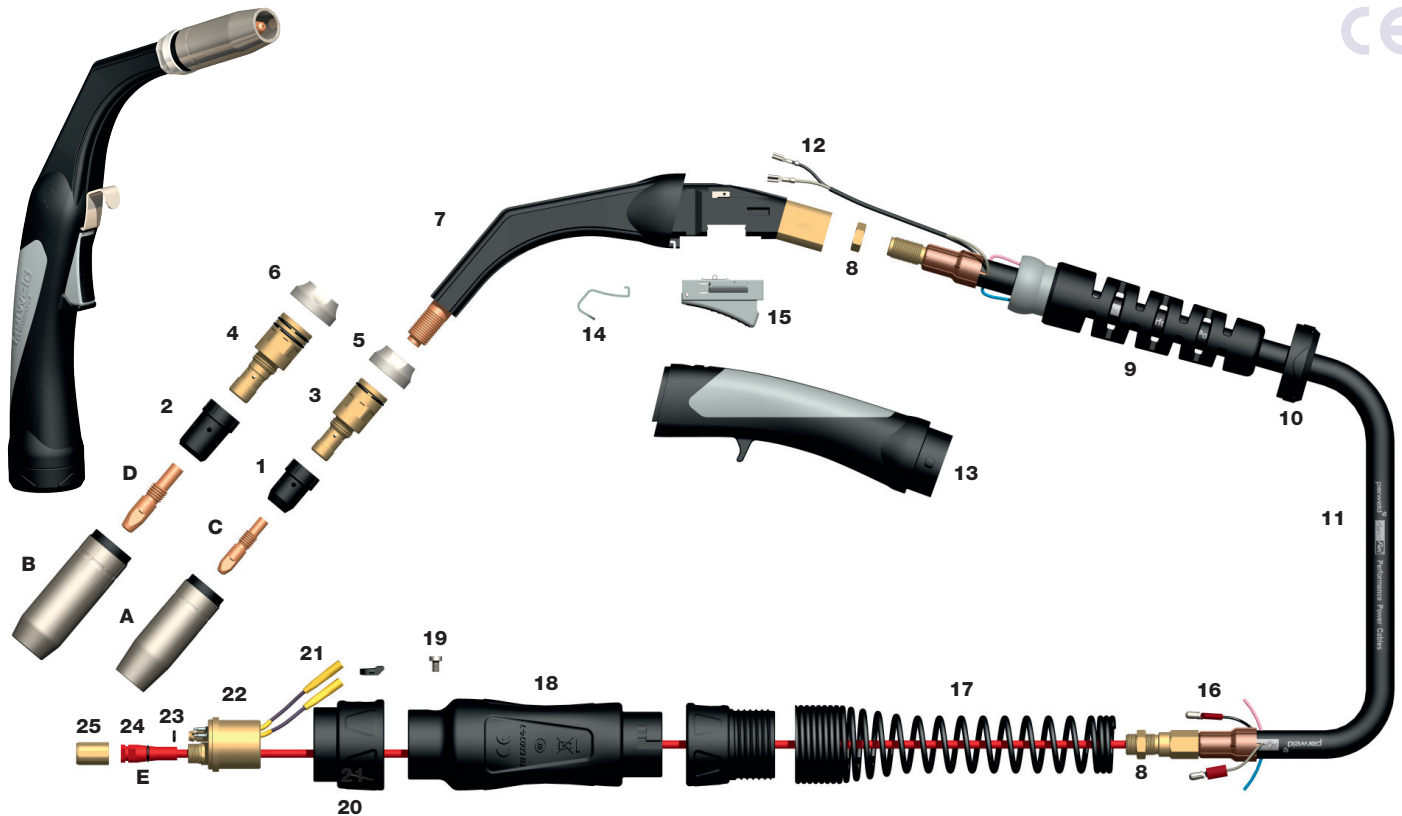
48mm (1.89")  
 M8  
 9/16" UNF  
 1/4" BSP  
 Ø19mm

STOCK CODE	HEAD
XP2005*	M8

## XP8 300A

### Air Cooled Mig Welding Torch

Rating: 300A, 8.7kW, Mixed Gas (80/20) @ 80% Duty Cycle, EN60974-7 .030"-.045"/Ø 0.8mm to 1.2mm 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
XP8-300A	300	8.7	280	8.4	375	11.7

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.

Model				
Stock Code	3M	4M	5M	Model Description
XP300A	-30E	-40E	-50E	Welding Torch c/w Euro Fitting

Nozzles	
Stock Code	Description
<b>A</b> XP2002-10	Tapered Nozzle 3/8"/10mm
XP2002-13	Tapered Nozzle 1/2"/13mm
XP2002-16*	Conical Nozzle 5/8"/16mm
XP2002-16L	Conical Nozzle 5/8"/16mm-Extended
XP2002-19	Cylindrical Nozzle 3/4"/19mm
XP2002-19L	Cylindrical Nozzle 3/4"/19mm-Extended
<b>B</b> 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>C</b> XP2003-08	Contact Tip .030"/0.8mm M8 CuCrZr
XP2003-09	Contact Tip .035"/0.9mm M8 CuCrZr
XP2003-10	Contact Tip .040"/1.0mm M8 CuCrZr
XP2003-10A	Contact Tip .040"/1.0mm Aluminium M8 CuCrZr
XP2003-12*	Contact Tip .045"/1.2mm M8 CuCrZr
XP2003-12A	Contact Tip .045"/1.2mm Aluminium M8 CuCrZr
XP2003-13	Contact Tip .052"/1.3mm M8 CuCrZr
<b>D</b> XP3003-08	Contact Tip .030"/0.8mm M10 CuCrZr
XP3003-09	Contact Tip .035"/0.9mm M10 CuCrZr
XP3003-10	Contact Tip .040"/1.0mm M10 CuCrZr
XP3003-10A	Contact Tip .040"/1.0mm Aluminium M10 CuCrZr
XP3003-12	Contact Tip .045"/1.2mm M10 CuCrZr
XP3003-12A	Contact Tip .045"/1.2mm Aluminium M10 CuCrZr
XP3003-13	Contact Tip .052"/1.3mm M10 CuCrZr

Liners	
Stock Code	Description
<b>E</b> XP2024-09-30	Steel Liner .023"- .035"/0.6mm/0.9mm x 10ft/3m
XP2024-09-40	Steel Liner .023"- .035"/0.6mm/0.9mm x 13ft/4m
XP2024-09-50	Steel Liner .023"- .035"/0.6mm/0.9mm x 16ft/5mt
XP2024-12-30*	Steel Liner .040"- .045"/1.0mm/1.2mm x 10ft/3m
XP2024-12-40*	Steel Liner .040"- .045"/1.0mm/1.2mm x 13ft/4mt
XP2024-12-50*	Steel Liner .040"- .045"/1.0mm/1.2mm x 16ft/5m
<b>NI</b> XP2024PC-12-30	Polyamide-Copper Liner .030"- .045"/0.8mm-1.2mm x 10ft/3mt
XP2024PC-12-40	Polyamide-Copper Liner .030"- .045"/0.8mm-1.2mm x 13ft/4m
XP2024PC-12-50	Polyamide-Copper Liner .030"- .045"/0.8mm-1.2mm x 16ft/5mt
XP2024PS-12-30	Polyamide-Steel Liner .030"- .045"/0.8mm-1.2mm x 10ft/3m
XP2024PS-12-40	Polyamide-Steel Liner .030"- .045"/0.8mm-1.2mm x 13ft/4m
XP2024PS-12-50	Polyamide-Steel Liner .030"- .045"/0.8mm-1.2mm x 16ft/5m

**Note:** For flux core wire 1.6mm liner is recommended –  
Stock Code: XP2024-16-30

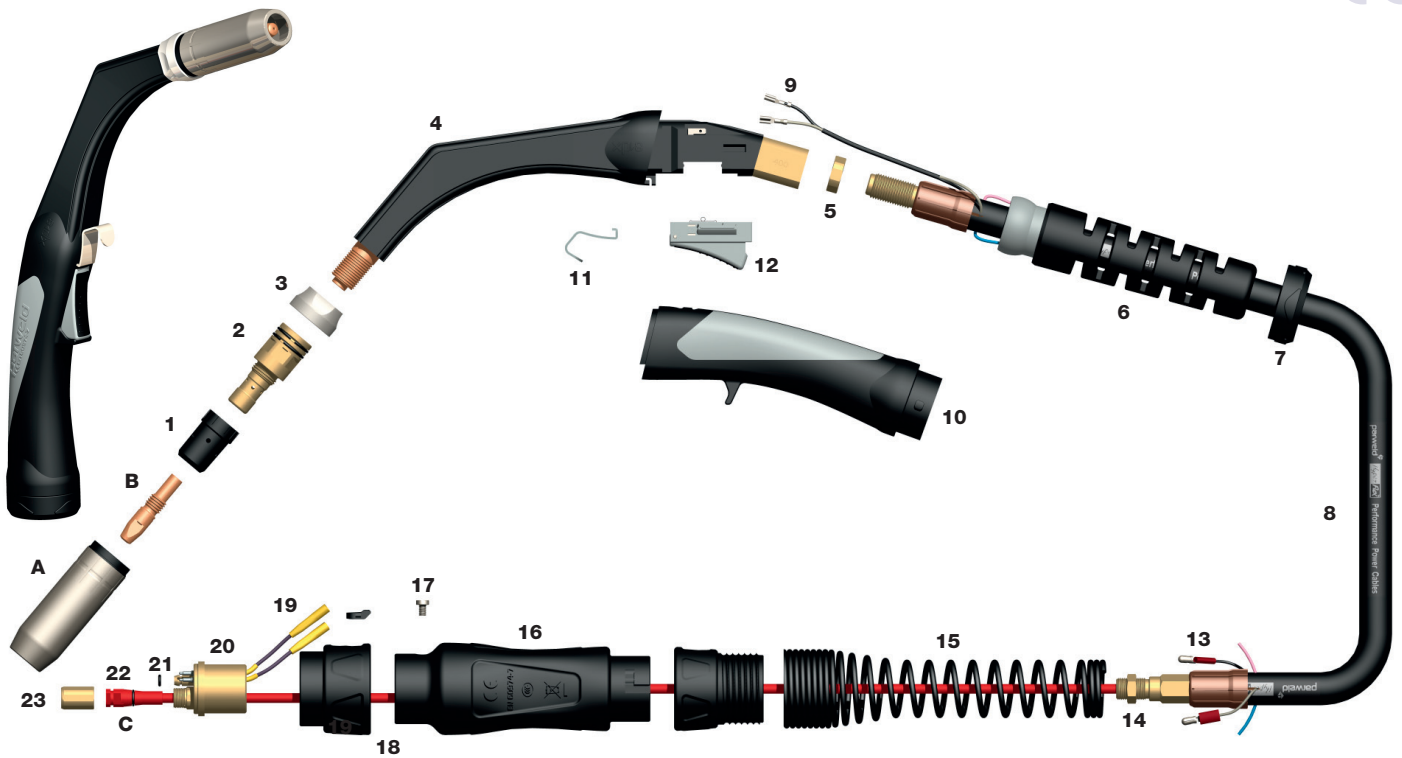
Components		
Stock Code	Description	* Denotes Standard Build
<b>1</b> XP2004B*	Diffuser-Plastic – M8 Head	
<b>NI</b> XP2004C	Diffuser-Ceramic – M8 Head	
<b>2</b> XP3004B	Diffuser-Moulded c/w Ceramic Insert – M10 Head	
<b>NI</b> XP3004C	Diffuser-Ceramic – M10 Head	
<b>3</b> XP2005*	Head Assembly – M8 Tips	
<b>4</b> XP3005	Head Assembly – M10 Tips	
<b>5</b> XP2006A*	Aluminium Heat Shield – M8 Head	
<b>NI</b> XP2006B	Heat Shield Moulded – M8 Head	
<b>6</b> XP3006A	Aluminium Heat Shield – M10 Head	
<b>NI</b> XP3006B	Heat Shield Moulded – M10 Head	
<b>7</b> XP3001	Swan Neck	
<b>8</b> XP2016	Lock Nut M12	
<b>9</b> XP3008	Ball Joint and Cable Support	
<b>10</b> XP2009	Handle Lock Nut	
<b>11</b> XP3010-30	Cable Assembly x 3m/10ft	
XP3010-40	Cable Assembly x 4m/13ft	
XP3010-50	Cable Assembly x 5m/16ft	
<b>12</b> XP2011	Cable Terminal Female	
<b>13</b> XP2012	Handle Kit c/w Lock Nut	
<b>14</b> XP2013	Hanger Hook	
<b>15</b> XP2014	Trigger	
<b>16</b> XP2015	Cable Terminal Male	
<b>17</b> XP3017	Cable Support	
<b>18</b> XP2018	Air Cooled Gun Plug Housing c/w Nut	
<b>19</b> XP2019	Gun Plug Screw	
<b>20</b> XP2020	Gun Plug Nut	
<b>21</b> Spring Pin 2	Spring Pin Assembly	
<b>22</b> XP2022	Gun Plug Body c/w Spring Pins	
<b>23</b> XP2023	Gun Plug Body O Ring	
<b>24</b> XP2025	Liner Nipple O Ring	
<b>25</b> XP2026	Liner Retaining Nut	

**Parweld XP8 Torches enable you to repair  
the Neck End of the Power Cable, please order  
Stock Code XP3042: 300A Power Cable Repair Kit**

## XP8 400A

### Air Cooled Mig Welding Torch

Rating: 400A, 12kW, Mixed Gas (80/20) @ 80% Duty Cycle, EN60974-7 .045"-3/32"/1.2mm to 2.4mm 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
XP8-400A	400	12.0	300	9.0	480	17.2

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.

Model				
Stock Code	3M	4M	5M	Model Description
XP400A	-30E	-40E	-50E	Welding Torch c/w Euro Fitting

Nozzles	
Stock Code	Description
<b>A</b> 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>B</b> XP3003-10A	Contact Tip .040"/1.0mm Aluminium M10 CuCrZr
XP3003-12*	Contact Tip .045"/1.2mm M10 CuCrZr
XP3003-12A	Contact Tip .045"/1.2mm Aluminium M10 CuCrZr
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
XP3003-18	Contact Tip .071"/1.8mm M10 CuCrZr
XP3003-20	Contact Tip 5/64"/2.0mm M10 CuCrZr
XP3003-24	Contact Tip 3-32"/2.4mm M10 CuCrZr

Liners	
Stock Code	Description
<b>C</b> XP3524-12-30*	Steel Liner .040"/1.0mm-.045"/1.2mm x 10ft/3m
XP3524-12-40*	Steel Liner .040"/1.0mm-.045"/1.2mm x 13ft/4m
XP3524-12-50*	Steel Liner .040"/1.0mm-.045"/1.2mm x 16ft/5m
XP3524-16-30	Steel Liner .063"/1.6mm x 10ft/3m
XP3524-16-40	Steel Liner .063"/1.6mm x 13ft/4m
XP3524-16-50	Steel Liner .063"/1.6mm x 16ft/5m
XP4024-24-30	Steel Liner .080"/.095"/2.0mm/2.4mm x 10ft/3m
XP4024-24-40	Steel Liner .080"/.095"/2.0mm/2.4mm x 13ft/4m
XP4024-24-50	Steel Liner .080"/.095"/2.0mm/2.4mm x 16ft/5m
<b>NI</b> XP3524PC-16-30	Polyamide-Copper Liner .045"/.063"/1.2-1.6mm x 10ft/3m
XP3524PC-16-40	Polyamide-Copper Liner .045"/.063"/1.2-1.6mm x 13ft/4m
XP3524PC-16-50	Polyamide-Copper Liner .045"/.063"/1.2-1.6mm x 16ft/5m
XP4024PC-20-30	Polyamide-Copper Liner .063"/.080"/1.6-2.0mm x 10ft/3m
XP4024PC-20-40	Polyamide-Copper Liner .063"/.080"/1.6-2.0mm x 13ft/4m
XP4024PC-20-50	Polyamide – Copper Liner .063"/.080"/1.6-2.0mm x 16ft/5m
XP3524PS-16-30	Polyamide – Steel Liner .045"/.063"/1.2-1.6mm x 10ft/3m
XP3524PS-16-40	Polyamide – Steel Liner .045"/.063"/1.2-1.6mm x 13ft/4m
XP3524PS-16-50	Polyamide – Steel Liner .045"/.063"/1.2-1.6mm x 16ft/5m
XP4024PS-20-30	Polyamide – Steel Liner .063"/.080"/1.6-2.0mm x 10ft/3m
XP4024PS-20-40	Polyamide – Steel Liner .063"/.080"/1.6-2.0mm x 13ft/4m
XP4024PS-20-50	Polyamide – Steel Liner .063"/.080"/1.6-2.0mm x 16ft/5m
XP3524PS-16-40	Polyamide – Steel Liner .045"/.063"/1.2-1.6mm x 13ft/4m
XP3524PS-16-50	Polyamide – Steel Liner .045"/.063"/1.2-1.6mm x 16ft/5m
XP4024PS-20-30	Polyamide – Steel Liner .063"/.080"/1.6-2.0mm x 10ft/3m
XP4024PS-20-40	Polyamide – Steel Liner .063"/.080"/1.6-2.0mm x 13ft/4m
XP4024PS-20-50	Polyamide – Steel Liner .063"/.080"/1.6-2.0mm x 16ft/5m

Components		
Stock Code	Description	* Denotes Standard Build
<b>1</b> XP3004B*	Diffuser – Moulded c/w Ceramic Insert – M10 Head	
<b>NI</b> XP3004C	Diffuser-Ceramic – M10 Head	
<b>2</b> XP3505*	Head Assembly – M10 Tips	
<b>3</b> XP3506A*	Aluminium Heat Shield – M10 Head	
<b>NI</b> XP3506B	Heat Shield Moulded – M10 Head	
<b>4</b> XP4001	Swan Neck	
<b>5</b> XP3507	Lock Nut M14	
<b>6</b> XP4008	Ball Joint and Cable Support	
<b>7</b> XP2009	Handle Lock Nut	
<b>8</b> XP4010-30	Cable Assembly x 3m/10ft	
XP4010-40	Cable Assembly x 4m/13ft	
XP4010-50	Cable Assembly x 5m/16ft	
<b>9</b> XP2011	Cable Terminal – Female	
<b>10</b> XP2012	Handle Kit c/w Lock Nut	
<b>11</b> XP2013	Hanger Hook	
<b>12</b> XP2014	Trigger	
<b>13</b> XP2015	Cable Terminal – Male	
<b>14</b> XP2016	Lock Nut M12	
<b>15</b> XP3017	Cable Support	
<b>16</b> XP2018	Air Cooled Gun Plug Housing c/w Nut	
<b>17</b> XP2019	Gun Plug Screw	
<b>18</b> XP2020	Gun Plug Nut	
<b>19</b> Spring Pin 2	Spring Pin Assembly	
<b>20</b> XP2022	Gun Plug Body c/w Spring Pins	
<b>21</b> XP2023	Gun Plug Body O Ring	
<b>22</b> XP2025	Liner Nipple O Ring	
<b>23</b> XP2026	Liner Retaining Nut	

**Parweld XP8 Torches enable you to repair  
the Neck End of the Power Cable, please order  
Stock Code XP4042: 400A Power Cable Repair Kit**