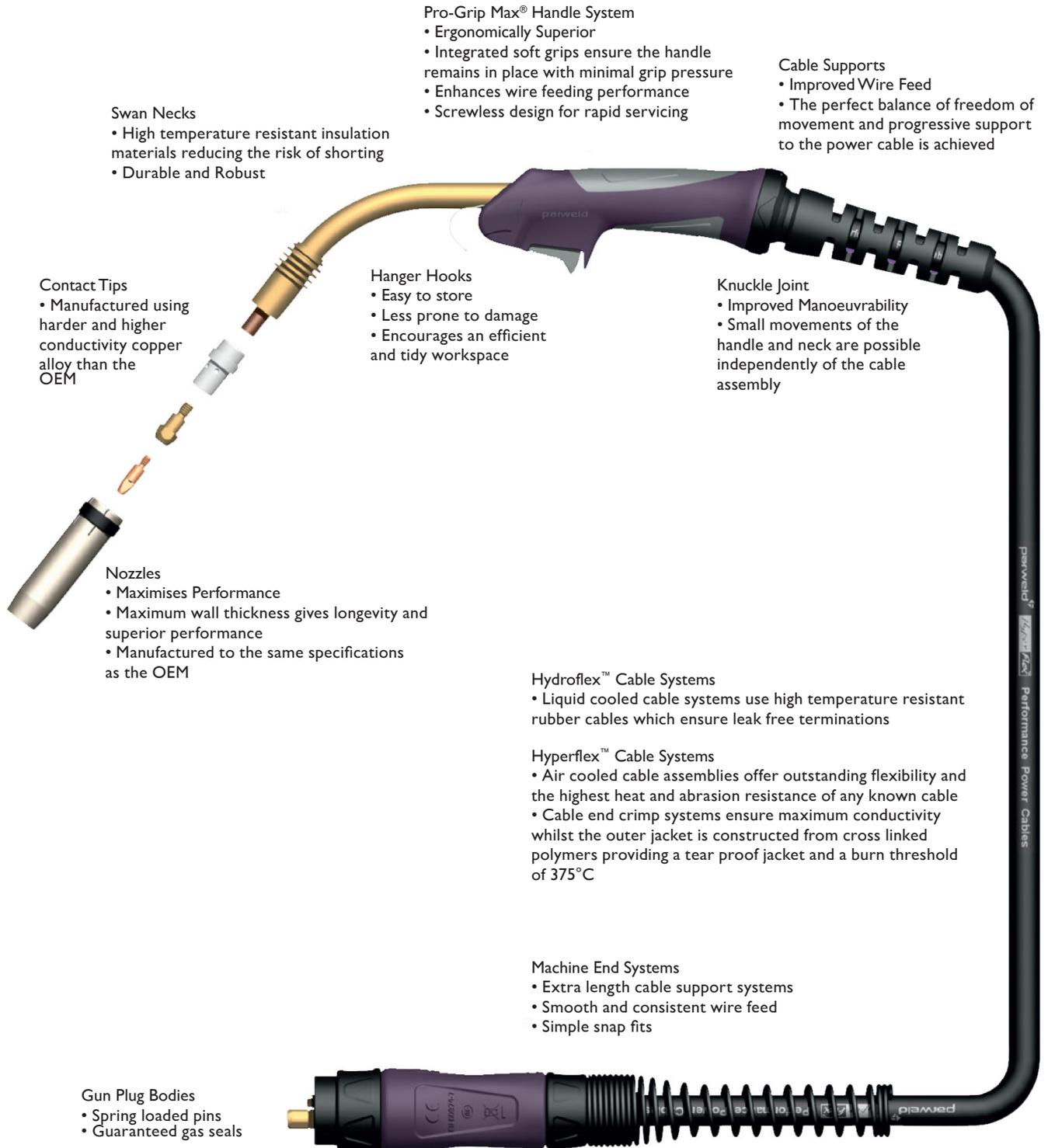


BZL MIG TORCH PACKAGES

BZL PRO-GRIP MAX[®] FEATURES & BENEFITS



Swan Necks

- High temperature resistant insulation materials reducing the risk of shorting
- Durable and Robust

Pro-Grip Max[®] Handle System

- Ergonomically Superior
- Integrated soft grips ensure the handle remains in place with minimal grip pressure
- Enhances wire feeding performance
- Screwless design for rapid servicing

Cable Supports

- Improved Wire Feed
- The perfect balance of freedom of movement and progressive support to the power cable is achieved

Contact Tips

- Manufactured using harder and higher conductivity copper alloy than the OEM

Hanger Hooks

- Easy to store
- Less prone to damage
- Encourages an efficient and tidy workspace

Knuckle Joint

- Improved Manoeuvrability
- Small movements of the handle and neck are possible independently of the cable assembly

Nozzles

- Maximises Performance
- Maximum wall thickness gives longevity and superior performance
- Manufactured to the same specifications as the OEM

Hydroflex[™] Cable Systems

- Liquid cooled cable systems use high temperature resistant rubber cables which ensure leak free terminations

Hyperflex[™] Cable Systems

- Air cooled cable assemblies offer outstanding flexibility and the highest heat and abrasion resistance of any known cable
- Cable end crimp systems ensure maximum conductivity whilst the outer jacket is constructed from cross linked polymers providing a tear proof jacket and a burn threshold of 375°C

Machine End Systems

- Extra length cable support systems
- Smooth and consistent wire feed
- Simple snap fits

Gun Plug Bodies

- Spring loaded pins
- Guaranteed gas seals

Quality Standards

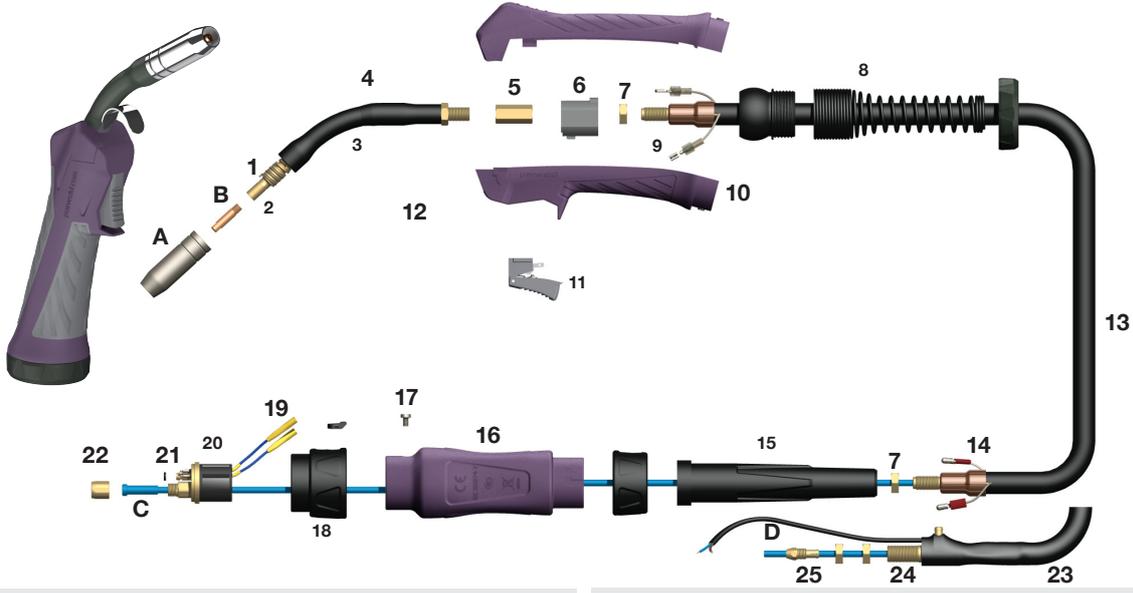
All torches are rigorously tested using computerised and automated test equipment at the design stage through to production. All our components pass rigorous quality control checks prior to assembly. All torches are designed to be tough and damage resistant and comply with EN60974-7.



BZL MIG TORCH PACKAGES

PRO-GRIP MAX® 150A

AIR COOLED MIG WELDING TORCH
180A CO₂, 150A Mixed Gas @ 60% Duty Cycle,
EN60974-7 .023"-.040"/0.6mm to 1.0mm Wires



Models

Stock Code	Description
PRO1500-30ER	Pro-Grip Max® Welding Torch c/w Euro Fitting x 3m
PRO1500-40ER	Pro-Grip Max® Welding Torch c/w Euro Fitting x 4m
PRO1500-50ER	Pro-Grip Max® Welding Torch c/w Euro Fitting x 5m

Components

* Denotes Standard Build

Stock Code	Description
1 215.05.00	Shroud Spring
2 215.04.01	Tip Adaptor L/H
215.04.00	Tip Adaptor R/H
3 215.01.00	Swan Neck c/w Tip Adaptor, Spring and Sleeve
4 215.02.05	Insulation Sleeve
6 B1515/PG	Handle Location Body
8 B8015	Cable Support c/w Knuckle Joint
10 B8514	Pro-Grip Max® Handle Kit
11 B8516	Pro-Grip Max® Trigger
15 B1841	Cable Support c/w Knuckle Joint
16 B1518	Gun Plug Housing c/w Nut
19 Spring Pin 2	Spring Pin Assembly
20 B1528	Gun Plug Body c/w Spring Pins
21 004.10.00	Gun Plug 'O' Ring
22 215.15.01	Liner Nut
25 215.57.40	Liner Collet

Nozzles

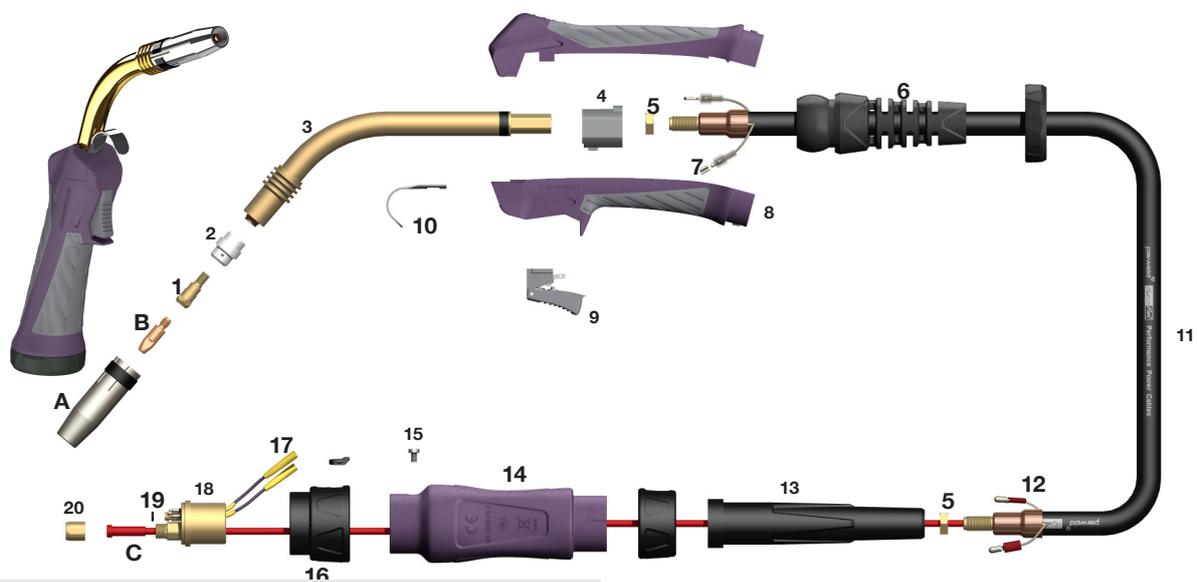
Stock Code	Description
A 215.08.01	Cylindrical Nozzle 16mm Bore
215.08.02	Conical Nozzle 12mm Bore
215.08.03	Tapered Nozzle 11mm Bore
215.08.05	Spot Welding Nozzle 16mm Bore

Contact Tips

Stock Code	Description
B ARI150.06	Contact Tip 0.6mm M6 ECu
ARI150.08	Contact Tip 0.8mm M6 ECu
ARI150.09	Contact Tip 0.9mm M6 ECu
ARI150.09A	Contact Tip 1.0mm M6 ALi
ARI150.10	Contact Tip 1.0mm M6 ECu
ARI150.10A	Contact Tip 1.1mm M6 ALi
ARI150.12	Contact Tip 1.2mm M6 ECu
ARI150.12A	Contact Tip 1.3mm M6 ALi

Liners

Stock Code	Description
C 344.15.30	Steel Liner 0.6mm-0.9mm x 3m
344.15.40	Steel Liner 0.6mm-0.9mm x 4m
344.15.50	Steel Liner 0.6mm-0.9mm x 5m
341.15.30	Teflon Liner 0.6mm-0.9mm x 3m
341.15.40	Teflon Liner 0.6mm-0.9mm x 4m
341.15.50	Teflon Liner 0.6mm-0.9mm x 5m



Models

Stock Code	Description
PRO2400-30ER	Pro-Grip Max® Welding Torch c/w Euro Fitting x 3m
PRO2400-40ER	Pro-Grip Max® Welding Torch c/w Euro Fitting x 4m
PRO2400-50ER	Pro-Grip Max® Welding Torch c/w Euro Fitting x 5m

Nozzles

Stock Code	Description
A 224.08.01	Cylindrical Nozzle 11/16"/17mm Bore
224.08.02	Conical Nozzle 1/2"/13mm Bore
224.08.03	Tapered Nozzle 3/8"/10mm Bore

Contact Tips

Stock Code	Description
B AR250.08	Contact Tip 0.8mm M6 ECu
AR250.09	Contact Tip 0.9mm M6 ECu
AR250.09A	Contact Tip 1.0mm M6 ALi
AR250.10	Contact Tip 1.0mm M6 ECu
AR250.10A	Contact Tip 1.1mm M6 ALi
AR250.12	Contact Tip 1.2mm M6 ECu
AR250.12A	Contact Tip 1.3mm M6 ALi
AR250.16	Contact Tip 1.6mm M6 ECu
AR250.16A	Contact Tip 1.7mm M6 ALi

Liners

Stock Code	Description
C 344.15.30	Steel Liner 0.6mm-0.9mm x 3m
344.15.40	Steel Liner 0.6mm-0.9mm x 4m
344.15.50	Steel Liner 0.6mm-0.9mm x 5m
344.20.30	Steel Liner 1.0mm-1.2mm x 3m
344.20.40	Steel Liner 1.0mm-1.2mm x 4m
344.20.50	Steel Liner 1.0mm-1.2mm x 5m
344.25.40	Steel Liner 1.2-1.6mm x 4m
344.25.50	Steel Liner 1.2-1.6mm x 5m

Liners

Stock Code	Description
C 341.15.30	Teflon Liner 0.6mm-0.9mm x 3m
341.15.40	Teflon Liner 0.6mm-0.9mm x 4m
341.15.50	Teflon Liner 0.6mm-0.9mm x 5m
341.20.30	Teflon Liner 1.0mm-1.2mm x 3m
341.20.40	Teflon Liner 1.0mm-1.2mm x 4m
341.20.50	Teflon Liner 1.0mm-1.2mm x 5m

Components

Stock Code	Description
1 224.04.06	Tip Adaptor M6
2 224.07.00	Diffuser Black
B2405C*	Diffuser Ceramic
2 224.07.02	Diffuser White
3 224.01.00	Swan Neck
4 B1515/PG	Handle Location Body
6 B8015	Cable Support c/w Knuckle Joint
8 B8514	Pro-Grip Max® Handle Kit
9 B8516	Pro-Grip Max® Trigger
13 B2841	Cable Support
14 B1518	Gun Plug Housing c/w Nut
17 Spring Pin 2	Spring Pin Assembly
18 B1528	Gun Plug Body c/w Spring Pins
19 004.10.00	Gun Plug 'O' Ring
20 215.15.01	Liner Nut

NORTH QLBF-200 8TML SPOOLGUN

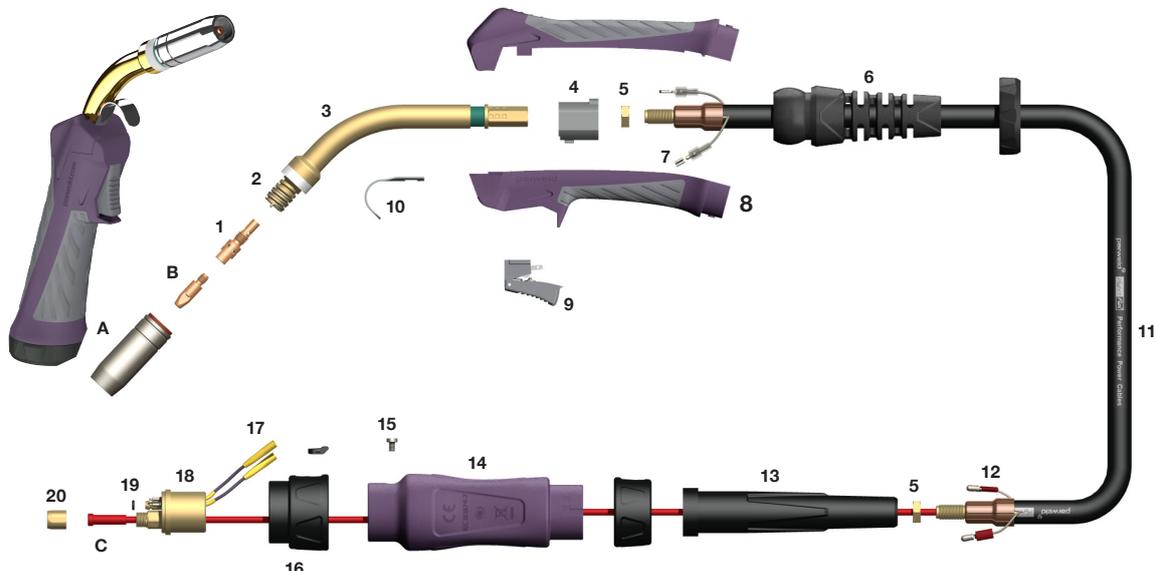




BZL MIG TORCH PACKAGES

PRO-GRIP MAX[®] 250A

AIR COOLED MIG WELDING TORCH
230A CO₂, 200A Mixed Gas @ 60% Duty Cycle,
EN60974-7 .030"-.045"/0.8mm to 1.2mm Wires



Models

Stock Code	Description
PRO2500-30ER	Pro-Grip Max [®] Welding Torch c/w Euro Fitting x 3m
PRO2500-40ER	Pro-Grip Max [®] Welding Torch c/w Euro Fitting x 4m
PRO2500-50ER	Pro-Grip Max [®] Welding Torch c/w Euro Fitting x 5m

Nozzles

Stock Code	Description
A 225.08.01	Cylindrical Nozzle 18mm Bore
225.08.02	Conical Nozzle 15mm Bore
225.08.03	Tapered Nozzle 12mm Bore
225.08.05	Spot Welding Nozzle 18mm Bore

Contact Tips

Stock Code	Description
B AR250.08	Contact Tip 0.8mm M6 ECu
AR250.09	Contact Tip 0.9mm M6 ECu
AR250.09A	Contact Tip 1.0mm M6 ALi
AR250.10	Contact Tip .040"/1.0mm M6 ECu
AR250.10A	Contact Tip 1.1mm M6 ALi
AR250.12	Contact Tip .045"/1.2mm M6 ECu
AR250.12A	Contact Tip 1.3mm M6 ALi
AR250.16	Contact Tip 1.6mm M6 ECu
AR250.16A	Contact Tip 1.7mm M6 ALi

Liners

Stock Code	Description
C 344.15.30	Steel Liner 0.6mm-0.9mm x 3m
344.15.40	Steel Liner 0.6mm-0.9mm x 4m
344.15.50	Steel Liner 0.6mm-0.9mm x 5m
344.20.30	Steel Liner 1.0mm-1.2mm x 3m
344.20.40	Steel Liner 1.0mm-1.2mm x 4m
344.20.50	Steel Liner 1.0mm-1.2mm x 5m
344.15.30	Teflon Liner 0.6mm-0.9mm x 3m
344.15.40	Teflon Liner 0.6mm-0.9mm x 4m

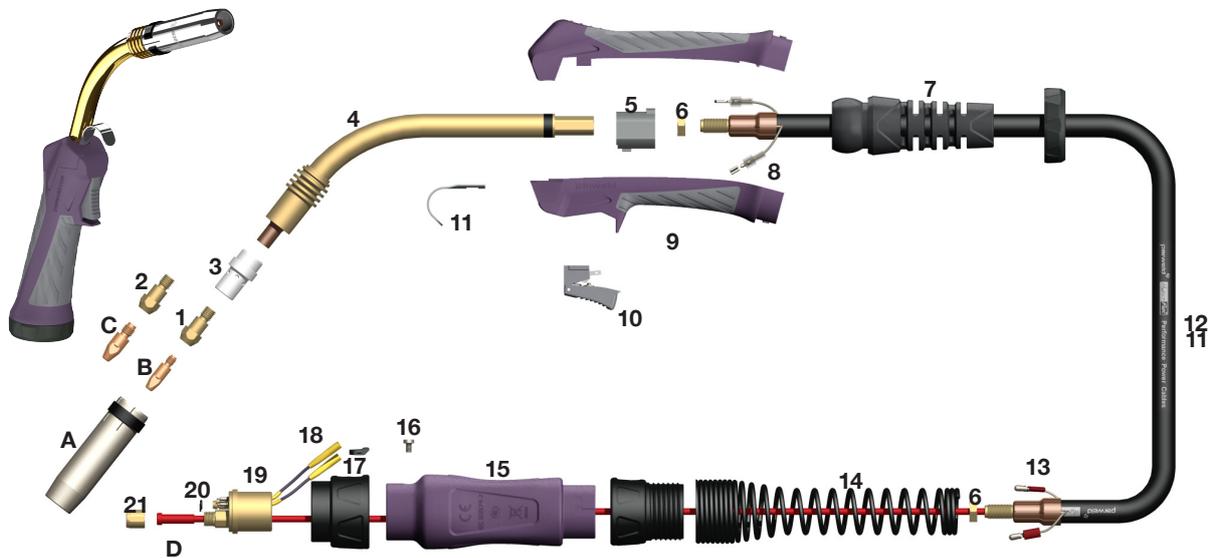
Liners

Stock Code	Description
341.15.50	Teflon Liner 0.6mm-0.9mm x 5m
341.20.30	Teflon Liner 1.0mm-1.2mm x 3m
341.20.40	Teflon Liner 1.0mm-1.2mm x 4m
341.20.50	Teflon Liner 1.0mm-1.2mm x 5m

Components

Stock Code	Description
1 225.04.06	Tip Adaptor M6
NI 225.04.08	Tip Adaptor M8 (See M8 Tips)
2 225.05.00	Shroud Spring
3 225.01.00	Swan Neck
4 B1515/PG	Handle Location Body
6 B8015	Cable Support c/w Knuckle Joint
8 B8514	Pro-Grip Max [®] Handle Kit
9 B8516	Pro-Grip Max [®] Trigger
13 B2841	Cable Support
14 B1518	Gun Plug Housing c/w Nut
17 Spring Pin 2	Spring Pin Assembly
18 B1528	Gun Plug Body c/w Spring Pins
19 004.10.00	Gun Plug 'O' Ring
20 215.15.01	Liner Nut

* Denotes Standard Build



Models

Stock Code	Description
PRO3600-30ER	Pro-Grip Max [®] Welding Torch c/w Euro Fitting x 3m
PRO3600-40ER	Pro-Grip Max [®] Welding Torch c/w Euro Fitting x 4m
PRO3600-50ER	Pro-Grip Max [®] Welding Torch c/w Euro Fitting x 5m

Nozzles

Stock Code	Description
A 236.08.01	Cylindrical Nozzle 19mm Bore
236.08.02	Conical Nozzle 16mm Bore
236.08.03	Tapered Nozzle 12mm Bore

Contact Tips

Stock Code	Description
B AR250.10	Contact Tip 1.0mm M6 ECu
AR250.12	Contact Tip 1.2mm M6 ECu
C AR241.10	Contact Tip 1.0mm M8 ECu
AR241.12	Contact Tip 1.2mm M8 ECu
AR241.12A	Contact Tip. 1.3mm M8 ALi
AR241.16	Contact Tip 1.6mm M8 ECu
AR241.16A	Contact Tip 1.7mm M8 ALi
AR241.20	Contact Tip 2.0mm M8 ECu

Liners

Stock Code	Description
D 344.20.30	Steel Liner 1.0mm-1.2mm x 3m
344.20.40	Steel Liner 1.0mm-1.2mm x 4m
344.20.50	Steel Liner 1.0mm-1.2mm x 5m
344.25.40	Steel Liner 1.2-1.6mm x 4m
344.25.50	Steel Liner 1.2-1.6mm x 5m
341.20.30	Teflon Liner 1.0mm-1.2mm x 3m
341.20.40	Teflon Liner 1.0mm-1.2mm x 4m
341.20.50	Teflon Liner 1.0mm-1.2mm x 5m

Components

* Denotes Standard Build

Stock Code	Description
1 236.04.06	Tip Adaptor 28.5mm M6
2 236.04.08	Tip Adaptor 28.5mm M8
NI 236.04.16	Tip Adaptor 31.5mm M6
3 236.07.01	Diffuser Black
B3605C*	Diffuser Ceramic
236.07.02	Diffuser White
4 236.01.00	Swan Neck
5 B1515/PG	Handle Location Body
7 B8016	Cable Support c/w Knuckle Joint
9 B8514	Pro-Grip Max [®] Handle Kit
10 B8516	Pro-Grip Max [®] Trigger
14 B8026	Spring Cable Support-Rear
15 B1518	Gun Plug Housing c/w Nut
18 Spring Pin 2	Spring Pin Assembly
19 B1528	Gun Plug Body c/w Spring Pins
20 004.10.00	Gun Plug 'O' Ring
21 215.15.01	Liner Nut



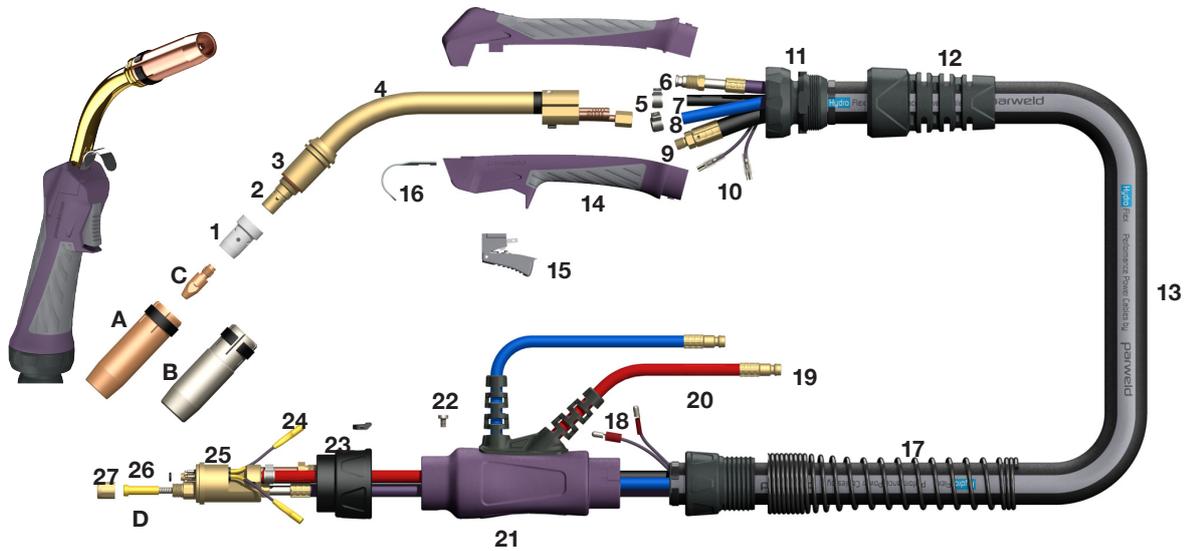
parweld

BZL MIG TORCH PACKAGES

PRO-GRIP MAX® 501W

WATER COOLED MIG WELDING TORCH

520A CO₂, 430A Mixed Gas @ 100% Duty Cycle,
EN60974-7 .040"-1/16"/1.0mm to 1.6mm Wires



Models

Stock Code	Description
PRO5000-30ER	Pro-Grip Max® Torch Package c/w Euro Fitting x 3m
PRO5000-40ER	Pro-Grip Max® Torch Package c/w Euro Fitting x 4m
PRO5000-50ER	Pro-Grip Max® Torch Package c/w Euro Fitting x 5m

Nozzles

Stock Code	Description
A 266.08.01	Cylindrical Nozzle 3/4"/19mm Bore
266.08.02	Conical Nozzle 5/8"/16mm Bore
266.08.03	Tapered Nozzle 9/16"/14mm Bore

Contact Tips

Stock Code	Description
C AR241.09	Contact Tip 0.9mm M8 ECU
AR241.10	Contact Tip 1.0mm M8 ECU
AR241.12	Contact Tip 1.2mm M8 ECU
AR241.16	Contact Tip 1.6mm M8 ECU
AR241.09A	Contact Tip 1.0mm M8 ALi
AR241.10A	Contact Tip 1.1mm M8 ALi
AR241.12A	Contact Tip 1.3mm M8 ALi
AR241.16A	Contact Tip 1.7mm M8 ALi

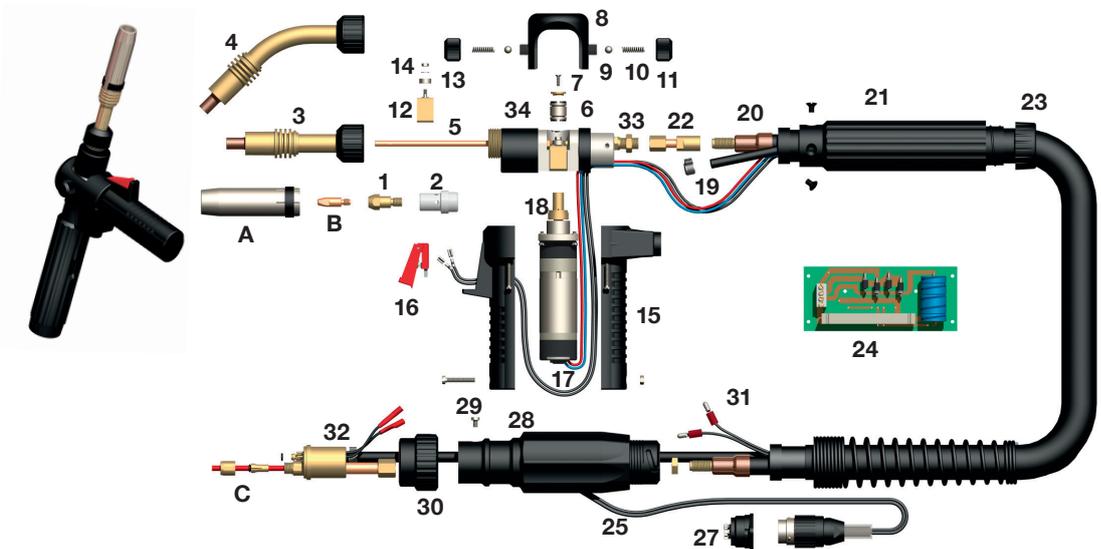
Liners

Stock Code	Description
D 344.20.30	Plain Liner 1.0mm-1.2mm x 3m
344.20.40	Plain Liner 1.0mm-1.2mm x 4m
344.20.50	Plain Liner 1.0mm-1.2mm x 5m
344.25.40	Plain Liner 1.2mm-1.6mm x 4m
344.25.50	Plain Liner 1.2mm-1.6mm x 5m
341.20.30	Teflon Liner 1.0mm-1.2mm x 3m
341.20.40	Teflon Liner 1.0mm-1.2mm x 4m
341.20.50	Teflon Liner 1.0mm-1.2mm x 5m
347.27.30	Teflon Liner 1.2mm-1.6mm x 3m
347.27.40	Teflon Liner 1.2mm-1.6mm x 4m
347.27.50	Teflon Liner 1.2mm-1.6mm x 5m

Components

* Denotes Standard Build

Stock Code	Description
1 241.07.00	Diffuser Black
B5005C*	Diffuser Ceramic
241.07.02	Diffuser White
2 241.04.08	Tip Adaptor 25mm M8
241.04.06	Tip Adaptor M6
3 B5003	Insulating Washer
4 251.01.02	Swan Neck
9 241.39.40	Power Cable Assembly x 4m
11 B8031	Ball Joint Assembly c/w Clamp
12 B8032	Spring Cable Support c/w Adaptor
14 B8594	Pro-Grip Max® Handle Kit
15 B8516	Pro-Grip Max® Trigger
19 B5023	Water Hose Nipple
21 B5022	Gun Plug Housing c/w Lock Nut and Hose Supports
24 Spring Pin 2	Spring Pin Assembly
25 B5098	Gun Plug Body c/w Spring Pins
26 241.15.00	Gun Plug 'O' Ring
27 004.10.00	Liner Nut



Models

Stock Code	Description
PPL360-180	Push Pull Welding Torch 180° Neck x 8m Euro
PPL360-45	Push Pull Welding Torch 45° Neck x 8m Euro

Nozzles

Stock Code	Description
A 236.08.01	Cylindrical Nozzle 19mm Bore
236.08.02	Conical Nozzle 16mm Bore
236.08.03	Tapered Nozzle 12mm Bore

Contact Tips

Stock Code	Description
B AR250.09A	Contact Tip 1.0mm M6 ALi
AR250.10A	Contact Tip 1.1mm M6 ALi
AR250.12A	Contact Tip 1.3mm M6 ALi
AR241.09A	Contact Tip 1.0mm M8 ALi
AR341.10A	Contact Tip 1.1mm M8 ALi
AR241.12A	Contact Tip 1.3mm M8 ALi
AR241.16A	Contact Tip 1.7mm M8 ALi

Liners

Stock Code	Description
C 341.15.80	Teflon Liner .035"-.040"/0.6mm-0.9mm x 8m
341.20.80	Teflon Liner .040"-.045"/1.0mm-1.2mm x 8m
HTA.8M	Teflon Liner .045"-.1/16"/1.2mm-1.6mm x 8m

Components

Stock Code	Description
1 236.04.06	Tip Adaptor 1.12"/28.5mm M6
2 236.07.01	Diffuser Black
B3605C	Diffuser Ceramic
236.07.02	Diffuser White
3 266.02.00	Straight Neck
4 266.03.00	Swan Neck 45°
5 266.02.01	Contact Tube

Components * Denotes Standard Build

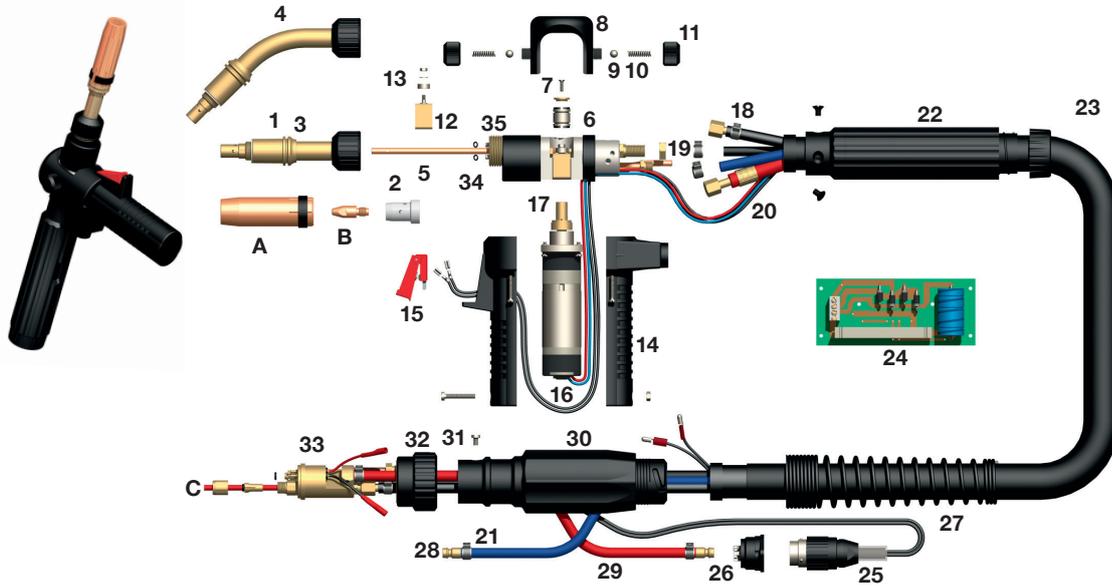
Stock Code	Description
6 266.24.09	Drive Roll 0.8mm Aluminium
266.24.18	Drive Roll 0.9mm Aluminium
266.24.19	Drive Roll 0.9mm
266.24.10	Drive Roll 1.0mm
266.24.11	Drive Roll 1.0mm Aluminium
266.24.12	Drive Roll 1.2mm
266.24.13	Drive Roll 1.2mm Aluminium
8 266.09.00	Snap On Head
9 266.09.01	Ball Bearing
10 266.09.02	Spring
11 266.09.03	Spring Cap
12 266.01.01	Pressure Arm
13 266.25.00	Pressure Roll
14 266.23.01	Retaining Washer
15 266.10.00	Pair Of Handles
16 214.11.00	Blade Switch Trigger
17 266.22.00	Motor 42V
266.22.24	Motor 24V
18 266.23.00	Seating
19 266.43.80	Gas Hose Assembly x 8m
20 266.39.80	Power Cable Assembly x 8m
21 266.12.00	Cable Support
22 033.30.12	Power Cable Adaptor
24 266.21.00	Printed Circuit Board
25 266.44.80	Control Cable Assembly x 8m
26 T3012002	5 Pin Tuchel Plug
27 T3015000	Socket For Push Pull Plug
28 225.16.00	Gun Plug Housing
29 004.06.01	Gun Plug Screw
30 215.17.00	Gun Plug Nut-Black
32 266.15.00	Gun Plug Body
33 266.01.03	Inlet Guide
34 266.01.00	Torch Body
523.15.80	Outer Sheath



BZL MIG TORCH PACKAGES

PP 400W

WATER COOLED MIG WELDING TORCH
 400A CO₂, 350A Mixed Gas @ 100% Duty Cycle,
 EN60974-7 .030"-.045"/0.8mm to 1.2mm Wires



MIG TORCHES & PARTS

Models		Components	
Stock Code	Description	Stock Code	Description
PPL400-180	Push Pull Torch 180° Neck x 8m Euro	266.23.01	Retaining Washer
PPL400-45	Push Pull Torch 45° Neck x 8m Euro	8 266.09.00	Snap On Head
Nozzles		9 266.09.01	Ball Bearing
Stock Code	Description	10 266.09.02	Spring
A 266.08.01	Cylindrical Nozzle 19mm Bore	11 266.09.03	Spring Cap
266.08.02	Conical Nozzle 16mm Bore	12 266.01.01	Pressure Arm
266.08.03	Tapered Nozzle 14mm Bore	13 266.25.00	Pressure Roll
Contact Tips		14 266.10.00	Pair Of Handles
Stock Code	Description	15 214.11.00	Blade Switch Trigger
B AR241.10	Contact Tip 1.0mm M8 ECu	16 266.23.00	Motor 42V
AR241.12	Contact Tip 1.2mm M8 ECu	266.22.24	Motor 24V
AR241.16	Contact Tip 1.6mm M8 ECu	17 266.23.00	Seating
Liners		19 266.43.80	Gas Hose Assembly x 8m
Stock Code	Description	20 244.41.80	Power Cable Assembly x 8m
C 341.15.80	Teflon Liner .035"-.040"/0.6mm-0.9mm x 8m	22 266.12.00	Cable Support
341.20.80	Teflon Liner .040"-.045"/1.0mm-1.2mm x 8m	24 266.21.00	Printed Circuit Board
HTA.8M	Teflon Liner .045"-1/16"/1.2mm-1.6mm x 8m	25 T3012002	5 Pin Tuchel Plug
Components		26 T3015000	Socket For Push Pull Plug
Stock Code	Description	27 266.44.80	Control Cable Assembly x 8m
1 B5001	Tip Adaptor 25mm M8	28 B5023	Water Hose Nipple
2 241.07.00	Diffuser Black	30 225.16.00	Gun Plug Housing
2 B5005C	Diffuser Ceramic	32 215.17.00	Gun Plug Nut-Black
241.07.02	Diffuser White	33 266.15.00	Gun Plug Body c/w Spring Pins
3 244.02.00	Straight Neck	34 003.15.00	Teflon Liner 'O' Ring
4 244.03.00	Swan Neck	35 244.01.00	Torch Body
5 266.02.01	Contact Tube	523.15.80	Outer Sheath
266.24.09	Drive Roll 0.8mm		
266.24.18	Drive Roll 0.9mm Aluminium		
266.24.19	Drive Roll 0.9mm		
6 266.02.10	Drive Roll 1.0mm		
266.24.11	Drive Roll 1.0mm Aluminium		
266.24.12	Drive Roll 1.2mm		
266.24.13	Drive Roll 1.2mm Aluminium		