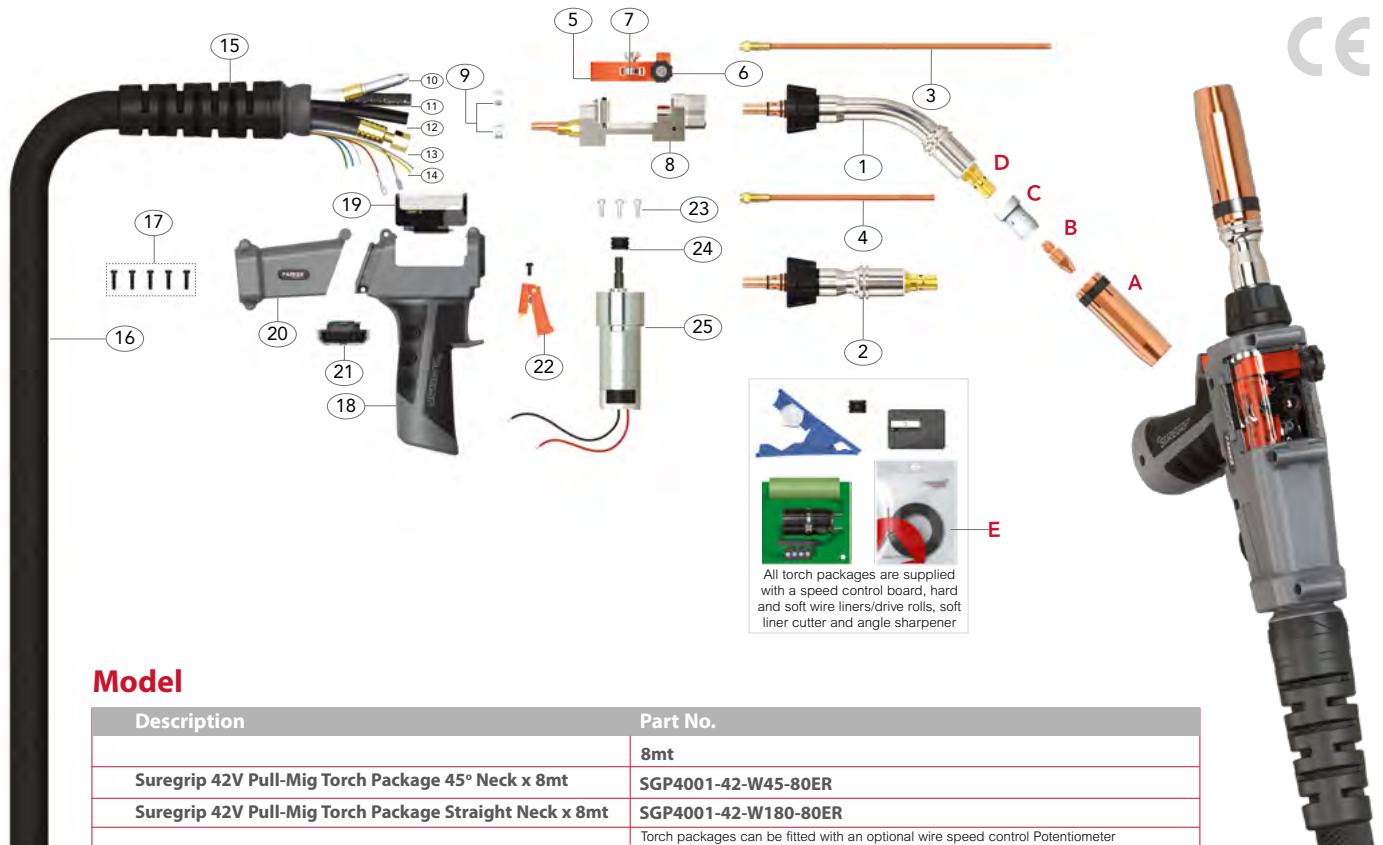


SGP 401W Suregrip Pull-Mig/Mag Torch Range

Rating: 400A CO₂ 350A mixed gas, EN60974-7 @ 100% duty cycle. 1.0 to 1.6mm wires

Liquid-Cooled Mig Welding Torch



Model

Description	Part No.
	8mt
Suregrip 42V Pull-Mig Torch Package 45° Neck x 8mt	SGP4001-42-W45-80ER
Suregrip 42V Pull-Mig Torch Package Straight Neck x 8mt	SGP4001-42-W180-80ER
Torch packages can be fitted with an optional wire speed control Potentiometer	

Alternative torch packages can be configured using the configurator on page 11

Wear Parts

A Nozzles

Part No.	Description	Bore	Wall	Material
PB5027	Cylindrical Nozzle	19.0	2.50mm	Cu
*PB5028	Conical Nozzle	16.0	2.50mm	Cu
PB5028HD	Conical Nozzle	16.0	3.20mm	Cu
PB5029	Tapered Nozzle	14.0	2.50mm	Cu

B Contact Tips

Part No.	Description	Material	Wire Size
			mm Inch
PB4014-08	Contact Tip	Cu	0.8 0.030
PB4014-10	Contact Tip	Cu	1.0 0.040
PB4014-12	Contact Tip	Cu	1.2 0.045
*PB4014-12A	Contact Tip	Cu	1.2 0.045

C Diffusers

Part No.	Description	Colour	Material
PB5005B	Diffuser	Black	DMC3
*PB5005C	Diffuser	White	Ceramic
PB5005W	Diffuser	White	DMC3
PB5005H	Diffuser High Performance	Black	HPP

D Tip Adaptors

Part No.	Description	Material
*PB5001	Tip Adaptor	Brass
PB5001C-R	Tip Adaptor	CuCrZr

E Liner

Part No.	Description	Length	Wire Size
			mm
*PB2564-80	Polyamide Liner x 8mt	8.6mt	1.0-1.2

Cable Parts

Description	Part No.
	8mt
10 Outer Liner Assembly	PGP4008-80
11 Gas Hose Assembly	PGP36413-80
12 Water Inlet Hose Assembly	PGP40112-80
13 Power Cable Assembly	PGP40115-80
14 Switch Lead Assembly	PGP36410-80

*Denotes torch package standard wear part set-up
For more information please refer to the following sections:
• Master Wear Parts Table Page 20-24
• Rear-End / Cable Parts Page 25

SGP 401W Suregrip Pull-Mig/Mag Torch Range

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Liquid-Cooled Mig Welding Torch



Spare Parts

Part No.	Description
1 SGP4011	Swan Neck Assembly 45°
2 SGP4011A	Straight Neck Assembly
3 PGP4002	Jump Liner c/w Nipple
4 PGP4002A	Jump Liner c/w Nipple
5 PGP36402	Pressure Arm Assembly
6 PGP36402B	Tension Knob
7 PGP36402R	Pressure Roll
8 PGP40101	Motor Body
9 P15400023	Hose Clamp 10.0mm
15 PGP3208	Handle Cable Support
16 PGP36419-80	Canvas Cover Assembly
17 PKA3X20	Handle Screw Pack
18 PGP2515/KJ	Push Pull Handle Assembly
19 PGP2514/C	Push Pull Handle Cover
20 PGP2515DM0	Push Pull Handle Connector Module
21 PGP0807-1	Potentiometer Kit 1K
PGP0807-5	Potentiometer Kit 5K
PGP0807-10	Potentiometer Kit 10K
PGP0807-25	Potentiometer Kit 25K

Part No.	Description
22 PGP2516	Trigger
23 PGPMS1	Motor Screw Pack
24 SGP8224W-08	Drive Roll For Steel Wire Ø 0.8
SGP8224W-09	Drive Roll For Steel Wire Ø 0.9
SGP8224W-10	Drive Roll For Steel Wire Ø 1.0
SGP8224W-12	Drive Roll For Steel Wire Ø 1.2
SGP8224W-16	Drive Roll For Steel Wire Ø 1.6
SGP8224W-08U	Drive Roll For Aluminium Wire Ø 0.8
SGP8224W-09U	Drive Roll For Aluminium Wire Ø 0.9
SGP8224W-10U	Drive Roll For Aluminium Wire Ø 1.0
*SGP8224W-12U	Drive Roll For Aluminium Wire Ø 1.2
SGP8224W-16U	Drive Roll For Aluminium Wire Ø 1.6
25 SGP8224-24	Motor 24V DC
SGP8224-42	Motor 42V DC