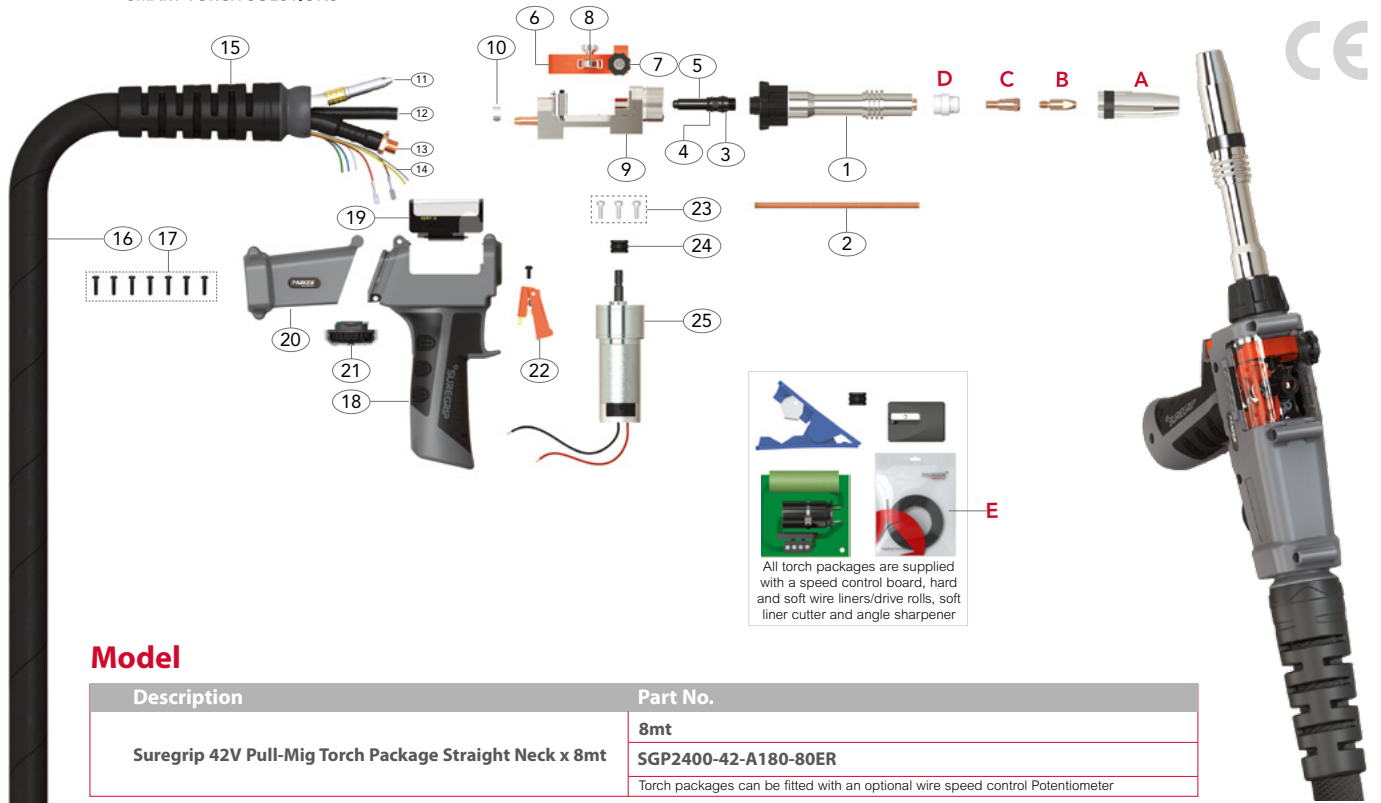


SGP 240A Suregrip Pull-Mig/Mag Torch Range

Rating: 250A CO₂, 220A mixed gas, EN60974-7 @ 60% duty cycle. 0.8 to 1.2mm wires

Air-Cooled Mig Welding Torch



Model

Description	Part No.
Suregrip 42V Pull-Mig Torch Package Straight Neck x 8mt	8mt SGP2400-42-A180-80ER
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
PB2415	Cylindrical Nozzle	17.2	1.40mm	Cu
*PB2416	Conical Nozzle	12.6	1.40mm	Cu
PB2417	Tapered Nozzle	10.0	1.40mm	Cu

B Contact Tips

Part No.	Description	Material	Wire Size	
			mm	Inch
PB2504-09	Contact Tip	Cu	0.9	0.035
PB2504-10	Contact Tip	Cu	1.0	0.040
PB2504-12	Contact Tip	Cu	1.2	0.045
PB2504-10A	Contact Tip	Cu	1.0	0.040
*PB2504-12A	Contact Tip	Cu	1.2	0.045
PB2505-08	Contact Tip	CuCrZr	0.8	0.030
PB2505-10	Contact Tip	CuCrZr	1.0	0.040
PB2505-12	Contact Tip	CuCrZr	1.2	0.045
PB2505-12A	Contact Tip	CuCrZr	1.2	0.045

C Tip Adaptors

Part No.	Description	Material
*PB2412	Tip Adaptor	Brass

D Diffusers

Part No.	Description	Colour	Material
PB2405B	Diffuser	Black	DMC3
*PB2405C	Diffuser	White	Ceramic
PB2405W	Diffuser	White	DMC3
PB2405S	Diffuser	Red	Silicon

E Liner

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

Cable Parts

Description	Part No.
8mt	
11 Outer Liner Assembly	PGP3608-80
12 Gas Hose Assembly	PGP36413-80
13 Power Cable Assembly	PGP36015-80
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

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Air-Cooled Mig Welding Torch

Spare Parts

Part No.	Description
1	PSP2401A Straight Neck Assembly
2	PGP3602A Jump Liner
3	9×1.5 O ring
4	7×1.5 O ring
5	PGP36006 Jump Liner Nipple
6	PGP36402 Pressure Arm Assembly
7	PGP36402B Tension Knob
8	PGP36402R Pressure Roll
9	PGP36001 Motor Body
10	PB5041 Water Hose Clamp 8.7mm
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	PGP2514/C 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 ϕ 0.8
	SGP8224W-09 Drive Roll For Steel Wire ϕ 0.9
	SGP8224W-10 Drive Roll For Steel Wire ϕ 1.0
	SGP8224W-12 Drive Roll For Steel Wire ϕ 1.2
	SGP8224W-16 Drive Roll For Steel Wire ϕ 1.6
	SGP8224W-08U Drive Roll For Steel Wire ϕ 0.8
	SGP8224W-09U Drive Roll For Aluminium Wire ϕ 0.9
	SGP8224W-10U Drive Roll For Aluminium Wire ϕ 1.0
	*SGP8224W-12U Drive Roll For Aluminium Wire ϕ 1.2
	SGP8224W-16U Drive Roll For Aluminium Wire ϕ 1.6
25	SGP8224-24 Motor 24V DC
	SGP8224-42 Motor 42V DC