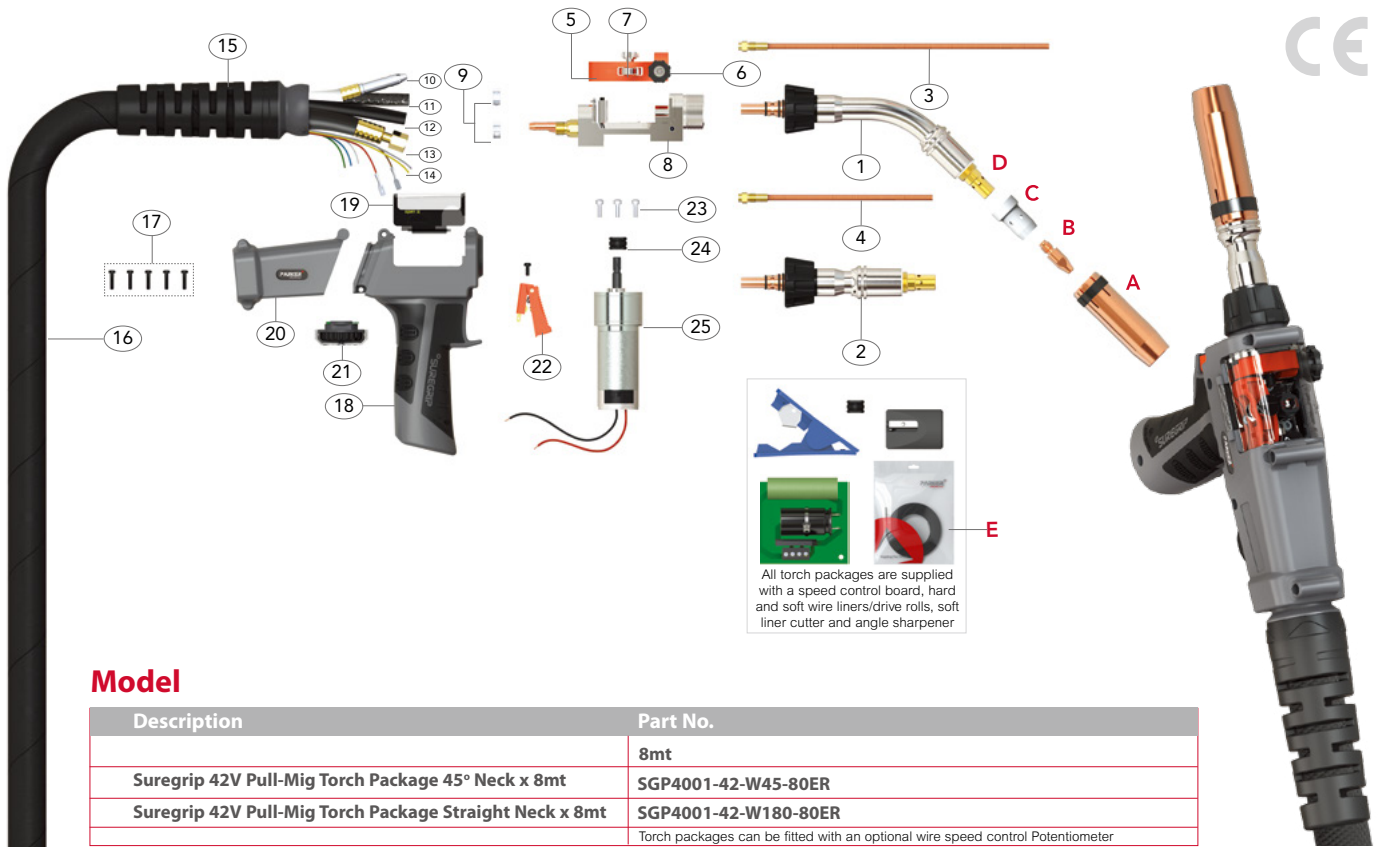


SGP 401W Suregrip Pull-Mig/Mag Torch Range

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

Liquid-Cooled Mig Welding Torch



All torch packages are supplied with a speed control board, hard and soft wire liners/drive rolls, soft liner cutter and angle sharpener

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 |
| 26 Water Outlet Hose | PS5017 |

*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

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

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 | 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 | 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 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 Aluminium 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 |