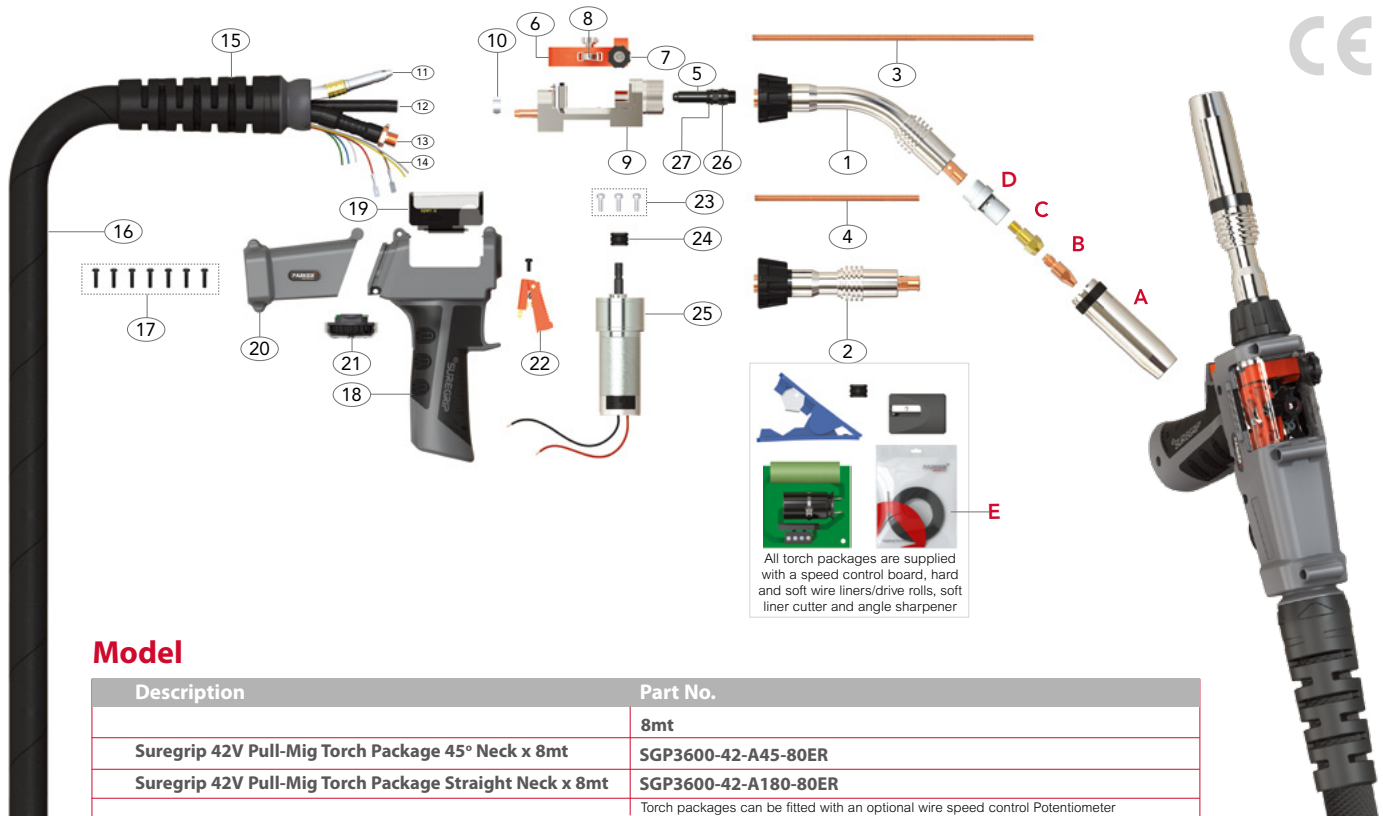


# SGP 360A Suregrip Pull-Mig/Mag Torch Range

Rating: Long Neck+M8 Tip: 300A CO<sub>2</sub> 270A mixed gas, EN60974-7 @ 60% duty cycle. 0.8 to 1.2mm wires

Short Neck+M8 Tip: 270A CO<sub>2</sub> 250A mixed gas, EN60974-7 @ 60% duty cycle. 0.8 to 1.2mm wires

Air-Cooled Mig Welding Torch



## Model

| Description                                                                    | Part No.             |
|--------------------------------------------------------------------------------|----------------------|
|                                                                                | <b>8mt</b>           |
| Suregrip 42V Pull-Mig Torch Package 45° Neck x 8mt                             | SGP3600-42-A45-80ER  |
| Suregrip 42V Pull-Mig Torch Package Straight Neck x 8mt                        | SGP3600-42-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 |
|----------|--------------------|------|--------|----------|
| PB3615   | Cylindrical Nozzle | 19.0 | 2.25mm | Cu       |
| *PB3616  | Conical Nozzle     | 16.1 | 2.25mm | Cu       |
| PB3617   | Tapered Nozzle     | 12.0 | 2.25mm | Cu       |

### B Contact Tips

| Part No.    | Description | Material | Wire Size    |
|-------------|-------------|----------|--------------|
|             |             |          | mm    Inch   |
| PB2504-08   | Contact Tip | Cu       | 0.8    0.030 |
| 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 |
| 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 Tip Adaptors

| Part No. | Description | Material |
|----------|-------------|----------|
| PB3612   | Tip Adaptor | Brass    |
| PB3613   | Tip Adaptor | Brass    |
| *PB3614  | Tip Adaptor | Brass    |

### D Diffusers

| Part No. | Description | Colour | Material |
|----------|-------------|--------|----------|
| PB3605B  | Diffuser    | Black  | DMC3     |
| *PB3605C | Diffuser    | White  | Ceramic  |
| PB3605W  | Diffuser    | White  | DMC3     |

### 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.    |
|-------------------------|-------------|
|                         | <b>8mt</b>  |
| 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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Short Neck+M8 Tip: 270A CO<sub>2</sub> 250A mixed gas, EN60974-7 @ 60% duty cycle. 0.8 to 1.2mm wires

Air-Cooled Mig Welding Torch



## Spare Parts

| Part No. | Description                                  |
|----------|----------------------------------------------|
| 1        | SGP3603 Swan Neck Assembly 45°               |
| 2        | SGP3603A Straight Neck Assembly              |
| 3        | PGP3602 Jump Liner                           |
| 4        | PGP3602A Jump Liner                          |
| 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       | 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 $\phi$ 0.8       |
|          | SGP8224W-09 Drive Roll For Steel Wire $\phi$ 0.9       |
|          | SGP8224W-10 Drive Roll For Steel Wire $\phi$ 1.0       |
|          | SGP8224W-12 Drive Roll For Steel Wire $\phi$ 1.2       |
|          | SGP8224W-16 Drive Roll For Steel Wire $\phi$ 1.6       |
|          | SGP8224W-08U Drive Roll For Aluminium Wire $\phi$ 0.8  |
|          | SGP8224W-09U Drive Roll For Aluminium Wire $\phi$ 0.9  |
|          | SGP8224W-10U Drive Roll For Aluminium Wire $\phi$ 1.0  |
|          | *SGP8224W-12U Drive Roll For Aluminium Wire $\phi$ 1.2 |
|          | SGP8224W-16U Drive Roll For Aluminium Wire $\phi$ 1.6  |
| 25       | SGP8224-24 Motor 24V DC                                |
|          | SGP8224-42 Motor 42V DC                                |
| 26       | 9×1.5 O ring                                           |
| 27       | 7×1.5 O ring                                           |

\*Note: Rating: 270A CO<sub>2</sub> 250A mixed gas @60% duty cycle when using SG3603A neck