

STR A151 Suregrip TRF Plasma Cutting Torch Range

Rating: 150A Air/N₂ gas, @ 60% duty cycle.

Air-Cooled Cutting Torch Range



Stand off Cutting

SCP1412 Cooling Tube	PPR0111 Electrode	PPE0103P Swirl Ring	Refer to Cutting Tip Table	Refer to Retaining Cap Table	PBW0139 Cage Spacer	PCV1105 Cage Spacer
				Refer to Retaining Cap Table	P1389CN Locking Nut	P1394-150 Spacer Spring
						PCV0021 Cutting Buggy

Contact Cutting

SCP1412 Cooling Tube	PPR0111 Electrode	PPE0103 Swirl Ring	Refer to Cutting Tip Table	Refer to Shield Cap Table	P1408C1 Spacer Contact Cutting	P1408LN Locking Nut
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Gouging

SCP1412 Cooling Tube	PPR0111 Electrode	PPE0103 Swirl Ring	Refer to Cutting Tip Table	Refer to Shield Cap Table	P1408G Spacer Gouging	
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Extended Contact Cutting

PFH0563E Cooling Tube	PPR0116 Electrode	PPE0103 Swirl Ring	Refer to Cutting Tip Table	Refer to Shield Cap Table	SCP1540 Spacer Contact Cutting	P1408LN Locking Nut
			Refer to Cutting Tip Table	Refer to Shield Cap Table	SCP1541 Spacer Contact Cutting	

Model

Description	Part No.	
	4mt	6mt
Suregrip TRF Plasma Cutting Torch Package	STR A151-40-CF7	STR A151-60-CF7

Alternative torch packages can be configured using the configurator on page 12

CF7

*Denotes torch package standard wear part set-up

For more information please refer to the following sections:

- Cable Terminations Page 10
- Master Wear Parts Table Page 30-37
- Wear Parts Configuration Tables Page 38-41

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Wear Parts

Cutting Tips

Part No.	Description	Bore Ø A	Amps
PPD0109-14	Cutting Tip	1.4mm	90A
PPD0109-16	Cutting Tip	1.6mm	120A
* PPD0109-18	Cutting Tip	1.8mm	150A
PPD0109-30	Gouging Tip	3.0mm	150A
PPD0111-12	Cutting Tip Extended	1.2mm	70A
PPD0117-14	Cutting Tip Extended	1.4mm	90A
PPD0117-17	Cutting Tip Extended	1.7mm	140A
PPD0117-19	Cutting Tip Extended	1.9mm	150A

Retaining / Shield Caps

Part No.	Description
* PPC0120	Retaining Cap
PPC0131	Shield Cap Body Max.Life

Spare Parts

Part No.	Description
1 SCP1503	Front Insulation
2 SCP1008	O Ring
3 STR0160	STR151 70° Torch Head Kit
4 SCP8014/HF	Plasma Handle Kit
5 SCPSP1	Screw Pack
6 SCP2516	Plasma Safety Trigger
7 *SCP10119-40 -#	Cable Assembly Complete x 4mt
*SCP10119-60 -#	Cable Assembly Complete x 6mt
8 PCV0022	Circle Cutting Attachment Kit