

EXEOR PSF Torches

Water-cooled Industrial Series



EXEOR



PSF 520W

PSF 420W

The next generation of PSF has been redesigned with the new Exeor handle for an even better ergonomic handling with excellent balance and strong grip.

Front-end wear parts that remain fully compatible with the time-proven heritage PSF wear parts. The modern look and feel, as well as improved performance, make this the right tool for even the most demanding industrial applications.

- 3 types of water-cooled models
- PSF 430W and 520W with dual-circuit cooling system for optimal performance
- Threaded gas nozzles secures a firm fit and better heat dispersion
- Durable wear part system with robust tip adapter and long tips for the toughest applications
- CuCrZr contact tips for long life time
- Prepared for modules

Visit esab.com for more information.

Industry

- Ship and Offshore Yards
- Repair and Maintenance
- Steel Industry
- Industrial and General Fabrication
- Automotive



Dual-circuit cooling system (430W and 520W) ensure the critical front-end stays cool even under extreme conditions. Less heat means better wire feedability and fewer production stops to change wear parts.



With an ergonomic and well-balanced handle with soft grip feature, the new Exeor PSF torch models ensure best comfort for the welder.

When choosing a top-performing welding machine you need top-performing ESAB Filler Metals. Learn more at esab.com/fillermetals today.

EXEOR PSF Torches

Specifications			
Description	PSF 420W	PSF 430W	PSF 520W
Cooling	Liquid	Water, dual-circuit	Water, dual-circuit
Welding Output Mixed Gas	450 A at 100%	500 A at 100%	500 A at 100%
Welding Output CO ₂	450 A at 100%	500 A at 100%	500 A at 100%
Wire Diameter	0.8 – 1.6 mm	1.0 – 1.6 mm	1.0 – 1.6 mm
Certification Mark (Standards)	CE (IEC 60974-7)		
Operating Temperature	-10 to +40 °C		
Cable Length	3 m, 4 m, 5 m		

Ordering Information			
Description	3 m	4 m	5 m
Exeor PSF 420W, with Euro Connection	0700026415	0700026416	0700026417
Exeor PSF 430W, with Euro Connection	0700026420	0700026421	0700026422
Exeor PSF 520W, with Euro Connection	0700026425	0700026426	0700026427

Wear Parts – Liners	
Description	Part Number
Steel liner	
0.8 – 1.0, Blue, 3 m	0700200085
0.8 – 1.0, Blue, 4 m	0700200086
0.8 – 1.0, Blue, 5 m	0700025800
1.0 – 1.2, Red, HD, 3 m	0700025822
1.0 – 1.2, Red, HD, 4 m	0700025823
1.0 – 1.2, Red, HD, 5 m	0700025824
1.2 – 1.6, Grey, HD, 3 m	0700025825
1.2 – 1.6, Grey, HD, 4 m	0700025826
1.2 – 1.6, Grey, HD, 5 m	0700025827
PTFE liner (for Aluminium)	
1.0 – 1.2, Red, 3 m	0700200091
1.0 – 1.2, Red, 4 m	0700200092
1.0 – 1.2, Red, 5 m	0700025812
1.2 – 1.6, Yellow, 3 m	0700025813
1.2 – 1.6, Yellow, 4 m	0700025814
1.2 – 1.6, Yellow, 5 m	0700025815
PA/Bronze-Liner (for aluminium and stainless steel)	
0.8 – 1.0, Anthracite 3 m	0700025816
0.8 – 1.0, Anthracite 4 m	0700025817
0.8 – 1.0, Anthracite 5 m	0700025818
1.2 – 1.6, Anthracite 3 m	0700025819
1.2 – 1.6, Anthracite 4 m	0700025820
1.2 – 1.6, Anthracite 5 m	0700025821

For complete list of wear and spare parts please see separate manual or spare parts list.

EXEOR PSF Torches

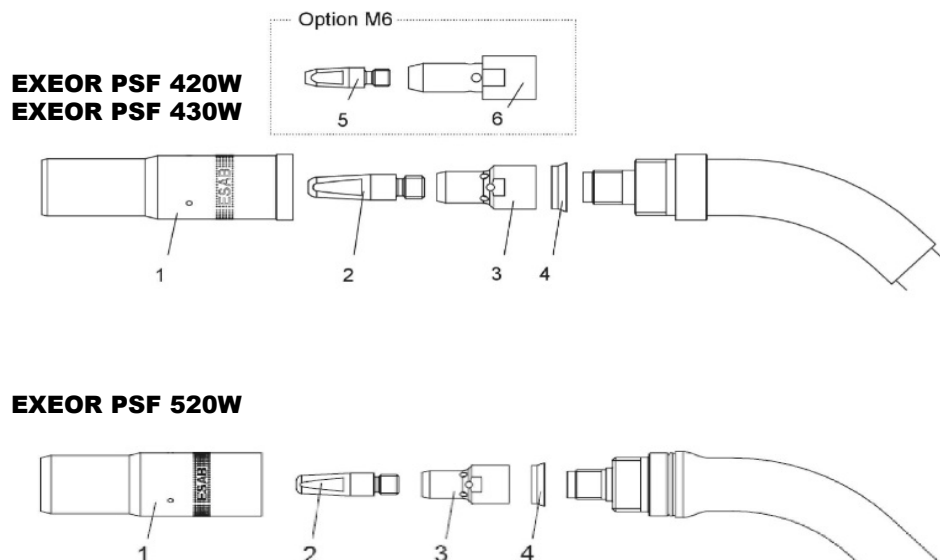
Wear Parts

No.	Description	PSF 420W and PSF 430W	PSF 520W
1	Gas Nozzle Conical	0458464882 (Ø 16 mm)	0458 464883 (Ø 17 mm)
1	Gas Nozzle Conical only for M6	0458465882 (Ø 14 mm)	0458465883 (Ø 15 mm)
1	Gas Nozzle Cylindrical	0458470882 (Ø 19 mm)	0458470883 (Ø 21 mm)
3	Tip Adapter M6	0366394001	-
3	Tip Adapter M8	0460819001	0460819001
4	Insulation Washer	0458874001	0458874001

Wear Parts – Contact Tips

No.	Gas / Wire Ø		PSF 420W		PSF 520W
	CO ₂	Mix/Ar	M6	M8	M8
2	0.6		0468500001		
2		0.6	0468500002		
2	0.8		0468500003	0468502003	0468502003
2	0.9	0.8	0468500004	0468502004	0468502004
2	1.0	0.9	0468500005	0468502005	0468502005
2	1.2		0468500006	0468502006	0468502006
2	1.2	1.0	0468500007	0468502007	0468502007
2	1.4	1.2	0468500008	0468502008	0468502008
2	1.6		0468500009	0468502009	0468502009
2		1.6	0468500010	0468502010	0468502010

For complete list of wear and spare parts please see separate manual or spare parts list.



ESAB / esab.com

