

PTFE FLARE-SEAL™ PRODUCTS

Seamless Convuluted - 316 Stainless Steel Braid

SCWV-FS (Natural) & SCBV-FS (Conductive)

PTFE Convuluted 316 Stainless Braid with Flare Seal Fitting

Part Number		Order ID	Hose OD	Working Pressure	Minimum Burst Pressure	Vacuum Rating	Minimum Bend Radius	Weight per Foot
Natural	Conductive	Inch [MM]	Inch [MM]	psi @ 72°F [Bars @ 22°C]	psi @ 72°F [Bars @ 22°C]	In. Hg. @ 72°F [Kg/Sq.CM @ 22°C]	Inch [MM]	Lbs. [Kg/M]
08-SCWV-FS	08-SCBV-FS	.500 (12.7)	.720 (18.3)	500 (34.5)	2000 (137.9)	29.9 (1.0)	2.00 (50.8)	.173 (0.257)
12-SCWV-FS	12-SCBV-FS	.750 (19.0)	1.040 (26.4)	425 (29.3)	1700 (117.2)	29.9 (1.0)	2.75 (69.8)	.330 (0.491)
16-SCWV-FS	16-SCBV-FS	1.000 (25.4)	1.250 (31.7)	350 (24.1)	1400 (96.5)	29.9 (1.0)	4.00 (101.6)	.368 (.548)
20-SCWV-FS	20-SCBV-FS	1.250 (31.7)	1.660 (42.2)	325 (22.4)	1300 (89.6)	29.9 (1.0)	5.50 (139.7)	.560 (.833)
24-SCWV-FS	24-SCBV-FS	1.500 (38.1)	1.920 (48.8)	300 (20.7)	1200 (82.7)	29.9 (1.0)	7.00 (177.8)	.641 (.954)
32-SCWV-FS	32-SCBV-FS	2.000 (50.8)	2.490 (63.2)	250 (17.2)	1000 (69.0)	29.9 (1.0)	8.50 (215.9)	.835 (1.243)
40-SCWV-FS	40-SCBV-FS	2.500 (63.5)	3.250 (82.5)	200 (13.8)	800 (55.2)	29.9 (1.0)	12.00 (304.8)	1.520 (2.262)
48-SCWV-FS	48-SCBV-FS	3.000 (76.2)	3.800 (96.5)	175 (12.0)	700 (48.2)	29.9 (1.0)	14.00 (355.6)	1.820 (2.709)
64-SCWV-FS	64-SCBV-FS	4.000 (101.6)	4.760 (120.6)	150 (10.3)	600 (41.4)	29.9 (1.0)	16.00 (406.4)	2.100 (3.125)

NOTE: Temperature Range: -100°F to +500°F (-73°C to +260°C)

PCWV-FS (Natural) & PCBV-FS (Conductive)

PTFE Convuluted Polypropylene Braid with Flare Seal Fitting

Part Number		Order ID	Hose OD	Working Pressure	Minimum Burst Pressure	Vacuum Rating	Minimum Bend Radius	Weight per Foot
Natural	Conductive	Inch [MM]	Inch [MM]	psi @ 72°F [Bars @ 22°C]	psi @ 72°F [Bars @ 22°C]	In. Hg. @ 72°F [Kg/Sq.CM @ 22°C]	Inch [MM]	Lbs. [Kg/M]
08-PCWV-FS	08-PCBV-FS	.500 (12.7)	.810 (20.6)	300 (20.7)	1200 (82.8)	29.9 (1.0)	3.00 (76.2)	.136 (0.202)
12-PCWV-FS	12-PCBV-FS	.750 (19.0)	1.100 (27.9)	250 (17.2)	1000 (69.0)	29.9 (1.0)	3.50 (88.9)	.215 (0.320)
16-PCWV-FS	16-PCBV-FS	1.000 (25.4)	1.440 (35.6)	250 (17.2)	1000 (69.0)	29.9 (1.0)	4.50 (114.3)	.313 (.466)
20-PCWV-FS	20-PCBV-FS	1.250 (31.7)	1.860 (47.2)	200 (13.8)	800 (55.2)	29.9 (1.0)	5.00 (127.0)	.396 (.589)
24-PCWV-FS	24-PCBV-FS	1.500 (38.1)	2.100 (53.3)	200 (13.8)	800 (55.2)	29.9 (1.0)	6.00 (152.4)	.492 (.732)
32-PCWV-FS	32-PCBV-FS	2.000 (50.8)	2.660 (67.6)	200 (13.8)	800 (55.2)	29.9 (1.0)	8.50 (215.9)	.662 (.985)
40-PCWV-FS	40-PCBV-FS	2.500 (63.5)	3.420 (86.9)	150 (10.3)	600 (41.4)	29.9 (1.0)	12.00 (304.8)	1.206 (1.795)
48-PCWV-FS	48-PCBV-FS	3.000 (76.2)	3.920 (99.6)	125 (8.6)	500 (34.5)	29.9 (1.0)	14.00 (355.6)	1.452 (2.161)
64-PCWV-FS	64-PCBV-FS	4.000 (101.6)	4.920 (124.9)	100 (6.9)	400 (27.6)	29.9 (1.0)	16.00 (406.4)	1.678 (2.497)

NOTE: Temperature Range: 0°F to +212°F (-18°C to +100°C)

All ratings based on 72°F (22°C). All dimensions nominal. Working pressures and vacuum ratings may vary depending upon end connections and process and temperature parameters.

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