

SEAMLESS CONVOLUTED PTFE HOSE ASSEMBLIES

Heavy Wall Open Pitch Vacuum Hose

PCWV (Natural) & PCBV (Conductive)

Polypropylene Braid - Heavy Wall Open Pitch

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	08-PCBV	.500 (12.7)	.810 (20.6)	300 (20.7)	1200 (82.8)	29.9 (1.0)	3.00 (76.2)	.136 (.202)
12-PCWV	12-PCBV	.750 (19.0)	1.100 (27.9)	250 (17.2)	1000 (69.0)	29.9 (1.0)	3.50 (88.9)	.215 (.320)
16-PCWV	16-PCBV	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	20-PCBV	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	24-PCBV	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	32-PCBV	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	40-PCBV	2.500 (63.5)	3.420 (86.9)	150 (10.3)	600 (41.4)	29.9 (1.0)	12.00 (304.80)	1.206 (1.795)
48-PCWV	48-PCBV	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	64-PCBV	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)

KCWV (Natural) & KCBV (Conductive)

Kynar® (PVDF) Braid - Heavy Wall Open Pitch

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-KCWV	08-KCBV	.500 (12.7)	.810 (20.5)	500 (34.4)	2000 (137.9)	29.9 (1.0)	3.00 (76.2)	.136 (.202)
12-KCWV	12-KCBV	.750 (19.0)	1.120 (28.4)	410 (28.2)	1640 (113.1)	29.9 (1.0)	3.50 (88.9)	.215 (.320)
16-KCWV	16-KCBV	1.000 (25.4)	1.310 (33.2)	380 (26.2)	1520 (104.8)	29.9 (1.0)	4.50 (114.3)	.313 (.466)
20-KCWV	20-KCBV	1.250 (31.7)	1.710 (43.4)	300 (20.6)	1200 (82.7)	29.9 (1.0)	5.00 (127.0)	.396 (.589)
24-KCWV	24-KCBV	1.500 (38.1)	2.010 (51.0)	225 (15.5)	900 (62.0)	29.9 (1.0)	6.00 (152.4)	.492 (.732)
32-KCWV	32-KCBV	2.000 (50.8)	2.530 (64.2)	175 (12.1)	710 (48.9)	29.9 (1.0)	8.50 (215.9)	.662 (.985)

NOTE: Temperature Range: -40°F to +280°F (-40°C to +138°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.



PCWV - NATURAL



PCBV - CONDUCTIVE (Static Dissipative)



KCWV - NATURAL



KCBV - CONDUCTIVE (Static Dissipative)

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