

PCW/PCB – Convoluted PTFE Hose, Polypropylene Braid PTFE Core Tube

Polypropylene adds personal handling safety.



Features

- Excellent corrosion resistance
- Seamless
- Open pitch
- Self draining
- Withstands extreme flexing
- Environmentally safe; low effusion
- Long life expectancy

Construction

- Tube: PCW - Natural FDA Compliant PTFE
PCB - Black Static-Dissipative PTFE
- Reinforcement: Polypropylene Braid

Operating Parameters

- Temperature Range:
0°F (18°C) to 212°F (100°C)
- Change in length at Max. Working Pressure: +2% to -4%
- Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)
- Pressure ratings based on 73°F (23°C)
- Decrease working pressure 1% for every 2°F above 212°F

Compliance

- FDA CFR21 Part 177 compliant core - PCW
- USP Class VI
- ISO 10993 Sections 5, 6, 10, 11

Fittings

- PAGE Fittings – pg. E-65
- Uses crimp collar PC300, see pg. E-66
- For most Parker products, Crimp Die Selection charts are found online at www.parker.com/crimpsource
- Access instructions are on pg. G-3

Notes

- Not suggested for steam-cold water cycling applications
- See pg. A-21 for part numbering system
- Cannot be used with 93N series fittings

Series PCW/PCB

[Visit the webpage](#)

Part Number		Nominal I.D.		Maximum O.D.		Max. Working Pressure 73°F/ 23°C		Minimum Bend Radius		Vacuum Rating	Weight		Permanent Fitting Series
Natural	Static-Dissipative	inch	mm	inch	mm	psi	MPa	inch	mm	Hg/73F	lbs./ft.	kg/mtr	
04-PCW	04-PCB	1/4	6.4	0.55	14.0	350	2.4	3/4	19.0	28	0.03	0.05	PAGE
06-PCW	06-PCB	3/8	9.5	0.64	16.3	350	2.4	1	25.0	28	0.06	0.09	PAGE
08-PCW	08-PCB	1/2	12.7	0.84	21.3	350	2.4	1-1/2	38.0	28	0.15	0.22	PAGE
12-PCW	12-PCB	3/4	19.1	1.15	29.2	350	2.4	2	51.0	28	0.18	0.27	PAGE
16-PCW	16-PCB	1	25.4	1.50	38.1	350	2.4	2-1/2	64.0	28	0.26	0.39	PAGE
20-PCW	20-PCB	1-1/4	31.8	1.92	48.8	350	2.4	3	76.0	28	0.37	0.55	PAGE
24-PCW	24-PCB	1-1/2	38.1	2.12	53.8	350	2.4	3-3/4	95.0	28	0.42	0.63	PAGE
32-PCW	32-PCB	2	50.8	2.65	67.3	350	2.4	4-3/4	121.0	28	0.56	0.83	PAGE



WARNING

This product can expose you to chemicals including Tetrafluoroethylene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.