

# SCW/SCB – Convoluted PTFE Hose, 316 Stainless Braid

## PTFE Core Tube

Features extreme flexibility with 316 stainless steel braid reinforcement.



### Features

- Excellent corrosion resistance
- Seamless
- Open pitch
- Self draining
- Environmentally safe; low effusion

### Compliance

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

### Construction

- Tube: SCW - Natural FDA Compliant PTFE  
SCB - Black Static-Dissipative PTFE
- Reinforcement: 316 Stainless Steel Braid

### Fittings

- PAGE Fittings – pg. E-65
- Uses crimp collar SC300, see pg. E-66
- For most Parker products, Crimp Die Selection charts are found online at [www.parker.com/crimpsource](http://www.parker.com/crimpsource)
- Access instructions are on pg. G-3

### Operating Parameters

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

### Notes

- See pg. A-21 for part numbering system
- Cannot be used with 93N series fittings

### Series SCW/SCB

[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-SCW	04-SCB	1/4	6.4	0.46	11.7	1,500	10.3	3/4	19.0	28	0.08	0.11	PAGE
06-SCW	06-SCB	3/8	9.5	0.56	14.2	1,500	10.3	1	25.0	28	0.10	0.15	PAGE
08-SCW	08-SCB	1/2	12.7	0.76	19.3	1,500	10.3	1-1/2	38.0	28	0.16	0.23	PAGE
12-SCW	12-SCB	3/4	19.1	1.03	26.2	1,200	8.3	2	51.0	28	0.27	0.40	PAGE
16-SCW	16-SCB	1	25.4	1.34	34.0	1,000	6.9	2-1/2	64.0	28	0.37	0.55	PAGE
20-SCW	20-SCB	1-1/4	31.8	1.75	44.5	750	5.2	3	76.0	28	0.46	0.68	PAGE
24-SCW	24-SCB	1-1/2	38.1	1.95	49.5	650	4.5	3-3/4	95.0	28	0.55	0.81	PAGE
32-SCW	32-SCB	2	50.8	2.45	62.2	450	3.1	4-3/4	121.0	28	0.90	1.40	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](http://www.P65Warnings.ca.gov).