

# STW/STB True Bore PTFE Hose

## PTFE Core Tube

Features a larger I.D. than the equivalent SAE J517, 100R14 PTFE hose.



### Features

- High temperature hose
- Excellent chemical compatibility
- Resists moisture
- Low friction minimizes pressure drops and deposits

### Construction

- Tube: STW - Natural FDA Compliant PTFE  
STB - Black Static-Dissipative PTFE
- Reinforcement: 304 Stainless Steel Braid

### Operating Parameters

- Temperature Range:  
-100°F (-73°C) to 450°F (232°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 - STW
- USP Class VI
- ISO 10993 Sections 5, 6, 10, 11

### Fittings

- PAGE Fittings – pg. E-65
- Uses crimp collar ST300, 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

### Notes

- "Z" indicates double braid
- See pg. A-21 for part numbering system
- Cannot be used with 90 or 91N series fittings

### Series STW/STB

[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-STW	04-STB	1/4	6	.37	9	3,000	207	3	76	28	.08	.13	PAGE
06-STW	06-STB	3/8	10	.51	13	2,000	138	5	127	28	.11	.16	PAGE
08-STW	08-STB	1/2	13	.63	16	1,750	121	6-1/2	165	28	.16	.24	PAGE
12-STW	12-STB	3/4	19	.88	22	1,000	69	8.5	216	28	.20	.30	PAGE
16-STW	16-STB	1	25	1.13	29	1,000	69	12	305	20	.33	.49	PAGE
20Z-STW	20Z-STB	1-1/4	31.8	1.52	38.6	1,000	69	14	356	18	.68	1.02	PAGE
24Z-STW	24Z-STB	1-1/2	38.1	1.73	43.9	900	62	15	381	15	.79	1.18	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).