

SCWV

Stainless Steel Braid, Heavy Wall Convoluted PTFE Hose



Features

- High temperature hose
- Open pitch
- Thicker wall
- Handles vacuum applications at elevated temperatures
- Excellent chemical compatibility
- Easy Cleaning, Non Adhesive

Applications/Markets



Fluid handling
Chemical transfer
Semiconductor
Paint

Compliances

- ③ FDA 21 CFR 177.1550
- USP Class VI
- ③ ISO 10993 Sections 5, 6, 10, 11

#	Natural	Nominal I.D.		Nominal O.D.		Maximum Working Pressure 72°F/ 23°C		Minimum Bend Radius		Vac. Rating Hg./72°F	Weight	
		inch	mm	inch	mm	psi	bar	inch	mm	inch	lbs./ft.	kg./mtr.
08-SCWV		1/2	13	.75	19	1,500	104	2	51	28	.17	.26
12-SCWV		3/4	19	1.04	26	1,200	83	2-3/4	70	28	.33	.49
16-SCWV		1	25	1.25	32	1,000	69	4	102	28	.37	.55
20-SCWV		1-1/4	32	1.66	42	750	52	5-1/2	140	28	.56	.83
24-SCWV		1-1/2	38	1.92	49	650	45	7	178	28	.64	.95
32-SCWV		2	51	2.49	63	450	31	8-1/2	216	28	.84	1.24
40-SCWV		2-1/2	64	3.25	83	200	14	12	305	28	1.52	2.26
48-SCWV		3	76	3.80	97	175	12	14	356	28	1.82	2.71
64-SCWV		4	102	4.76	121	150	10	16	406	28	2.10	3.13

Construction

Tube: SCWV - Heavy Wall Natural FDA Compliant PTFE
Reinforcement: 316 Stainless Steel braid

Operating Parameters

Temperature Range:

-100°F to +500°F (-73°C to +260°C)

Min. Burst Pressure is 4x Max. Working Pressure at 72°F (23°C)

All ratings based on 72°F/23°C

Notes

Not suggested for steam-cold water cycling applications

Vacuum wire recommended for 2-1/2, 3 and 4 inch

All dimensions nominal - Working pressures and vacuum ratings may vary depending upon end connections and process and temperature parameters.