

WCSS Series

Hose Specifications



304 Stainless Steel Braided Low Profile Convoluted Chemflour® PTFE Fluoropolymer Hose With Silicone Cover

Features

- Braid fraying is minimized-reducing the risk for hand injury to the operator due to wire braid puncture
- Thermal insulating properties are enhanced-Silicone cover has excellent insulating properties, burn potential from incidental contact is greatly reduced
- Maintains hose pressure rating-Collar design assures a seal at the silicone cover and more importantly assures hose pressure rating to rated operating pressure
- "Locked-on" extruded cover- The ultra pure/smooth silicone cover is locked to the SS braid reinforcement in such a way that the hose and cover flex as one unit with no bulges or creases. Tear resistance is improved due to the tight fit.
- Ultra smooth finish produces a non-porous finish to assure sterility and ease of cleaning.

Temperature Rating

-65°F (-54°C) to +400°F (+177°C)

Construction

Now available-An improved version of the Flexible Components Chemflour® fluoropolymer Low Profile Convoluted, WCSS series hose; White Convoluted Stainless braided Silicone covered hose.

Flexible Components introduces a durable, extremely flexible, ultra pure platinum cured silicone cover that is "extruded" directly over the 304 SS braided low profile convoluted hose featuring Chemflour®.

Fittings

Over 36 styles of stocked crimp style, radially crimped fitting design. Single crimp collar design locks in the hose fitting and seals off the extruded cover, thus eliminating cleaning media from seeping under the cover. The Flexible Components design eliminates the need for a secondary crimp collar or plastic "heat shrink tubing" commonly found on competitive hoses.

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Part Number	Hose Size ID (in.)	Hose Size OD (in.)	Rated Operating Pressure (PSI@72°F)	Vacuum ¹ Resistance (in. of mercury)	Minimum Burst Pressure (PSI@72°F)	Minimum Recommended Bend Radius (in.)	Approx. Weight Per Ft. (lbs.)
2706 WCSS	3/8	0.660	2200	29.9	8800	1.75	0.15
2708 WCSS	1/2	0.800	1750	29.9	7000	1.75	0.19
2712 WCSS	3/4	1.120	1375	29.9	5500	2.25	0.30
2716 WCSS	1	1.360	1000	29.9	4300	2.75	0.40

¹Vacuum Rating @ minimum Bend Radius (72°F):
 3/8": = 29.9 in. Hg 1/2": = 29.9 in. Hg 3/4": = 29.9 in. Hg 1": = 29.9 in. Hg

For larger sizes, consult Sani-Tech West. The Conductive version (BCSS) is not planned to be a stocked item, contact Sani-Tech West for special order quantities and delivery.

Chemflour® is a registered trademark of Saint-Gobain Performance Plastics.



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