

Pure-Fit® ZSV Silicone Vacuum Hose

Pure-Fit® ZSM Silicone Reinforced Hose

Flexible biocompatible silicone hose

Pure-Fit® ZSV is a wire reinforced hose designed for use in aseptic bioprocessing suites. Its inner wrapped core and outer jacket are made from platinum-cured silicone. It withstands full vacuum at room temperature and has an excellent bend radius.

Pure-Fit® ZSM is a high-performance fabric reinforced hose designed for use in aseptic bioprocessing suites which use require high pressure processing. Its inner wrapped core and outer jacket are made from platinum-cured silicone.

Biocompatibility

Pure-Fit® ZSV and Pure-Fit® ZSM hoses are manufactured from the finest grade of silicone materials tested to meet USP Class VI criteria. No animal derived components are used to manufacture Pure-Fit® ZSV or Pure-Fit® ZSM.

Features / Benefits

- Extremely flexible
- Durable
- Outstanding pressure-rating
- Pigmented outer cover available
- Available in lengths up to 98 feet

Typical applications

- Sanitary bulk product transfer
- CIP supply
- WFI transfer
- Load cell vibration isolation

Sterilization Methods

Steam 135°C for up to 90 minutes

Cool >1hr between cycles

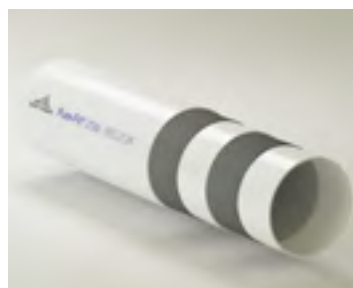
Pure-Fit® ZSV Selection Guide



Part Number	Nominal ID	Minimum Bend Radius	Max Recommended Operating Pressure	Vacuum Rating	Minimum Burst	Max Length
	in. (mm)	in. (mm)	(psi) 65°F (18°C)	(in Hg)	(psi) 65°F (18°C)	ft (m)
HOSZSV-08	1/2 (12.7)	2-1/2 (63.5)	109	29.9	435	98 (29.9)
HOSZSV-12	3/4 (19.1)	3 (76.2)	109	29.9	435	98 (29.9)
HOSZSV-16	1 (25.4)	3-1/2 (88.9)	109	29.9	435	98 (29.9)
HOSZSV-24	1-1/2 (38.1)	5-1/2 (139.7)	109	29.9	435	98 (29.9)
HOSZSV-32	2 (50.8)	8 (203.2)	109	29.9	435	98 (29.9)
HOSZSV-40	2-1/2 (63.5)	10 (254.0)	87	29.9	348	65 (19.8)
HOSZSV-48	3 (76.2)	14 (355.6)	87	29.9	348	65 (19.8)

*Maximum Recommended Operating Pressure is taken as 25% of the minimum burst pressure

Pure-Fit® ZSM Selection Guide



Part Number	Nominal ID	Minimum Bend Radius	Max Recommended Operating Pressure	Minimum Burst	Max Length
	in. (mm)	in. (mm)	(psi) 65°F (18°C)	(psi) 65°F (18°C)	ft (m)
HOSZSM-08	1/2 (12.7)	7.5 (190.5)	145	580	98 (29.9)
HOSZSM-12	3/4 (19.1)	10.5 (266.7)	145	580	98 (29.9)
HOSZSM-16	1 (25.4)	12 (304.8)	145	580	98 (29.9)
HOSZSM-24	1-1/2 (38.1)	18 (457.2)	145	580	98 (29.9)
HOSZSM-32	2 (50.8)	N/A	102	406	98 (29.9)

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