

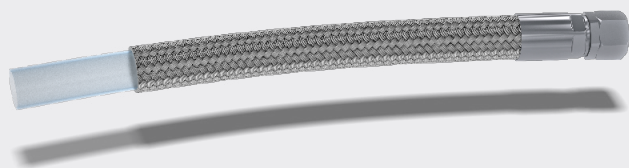


FLUID TRANSFER SYSTEMS

Metric Heavy Wall

Product Description

Kongsberg Automotives Smoothbore Metric Range is designed to accept standard hydraulic tailed fittings. The ID of the hoses are made slightly larger than the Imperial Range so helps reduce the insertion force required to make assemblies. The Metric hose range was designed to help reduce Hydraulic rubber users reduce their inventory with only needing to stock one fitting to suit all hoses.



Properties

Application	Used globally in the Industrial, Chemical, Pharmaceutical, Automotive and Food industries when lesser hoses can't cope with the temperature, pressure, cleanliness or flex fatigue.
Design	Smoothbore PTFE tube with high tensile SS 304 braid in metric sizing
Inner layer	Medium wall smoothbore PTFE tube
Outer Layer	High tensile 304 maypole wound
Temperature Min / Max	-60°C to +260°C (-76°F to +500°F)
Material	PTFE according to "ISO12086, Part 1.PTFE-E.P.D.M 1.6.1.C.E.4_12"

Gas Hose 1 Wire Braid Range

USA Part Number	Part Number	Description	Braided ID Nominal		Tolerance		Braided OD Nominal		Tolerance		Tube Wall Thickness Nom.		Max. Working Pressure		Min. Burst Pressure		Min Bend Radius	
			(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(psi)	(bar)	(psi)	(bar)	(mm)	(in)
TSHV2.0B01	TSHV2.0B01	2.0mm HEAVY WALL	2	0.264	0.25	0.016	4.8	0.182	0.35	0.024	0.9	0.036	4,330	333	10,000	1000	25	1.0
TSHV6.7B01	TSHV6.7B01	6.7mm HEAVY WALL	6.7	0.264	0.4	0.016	10.06	0.396	0.6	0.024	1.02	0.04	3,330	230	10,000	689	76	3.0
TSHV8.4B01	TSHV8.4B01	8.4mm HEAVY WALL	8.4	0.331	0.4	0.016	11.75	0.463	0.6	0.024	1.02	0.04	3,000	207	9,000	621	102	4.0
TSHV10.0B01	TSHV10.0B01	10.0mm HEAVY WALL	10	0.394	0.4	0.016	13.35	0.526	0.6	0.024	1.02	0.04	2,660	183	8,000	552	127	5.0
TSHV10.3B01	TSHV10.3B01	10.3mm HEAVY WALL	10.3	0.406	0.4	0.016	13.6	0.535	0.6	0.024	1.02	0.04	2,660	183	8,000	552	133	5.2
TSHV13.4B01	TSHV13.4B01	13.4mm HEAVY WALL	13.4	0.528	0.5	0.02	16.75	0.659	0.75	0.03	1.02	0.04	2,330	161	7,000	483	152	6.0
TSHV16.6B01	TSHV16.6B01	16.6mm HEAVY WALL	16.6	0.654	0.5	0.02	20.07	0.79	0.75	0.03	1.02	0.04	1,660	114	5,000	345	178	7.0
TSHV19.8B01	TSHV19.8B01	19.8mm HEAVY WALL	19.8	0.78	0.6	0.024	23.15	0.911	0.85	0.033	1.02	0.04	1,500	103	4,500	310	203	8.0
TSHV22.1B01	TSHV22.1B01	22.1mm HEAVY WALL	22.1	0.87	0.6	0.024	25.53	1.005	0.85	0.033	1.02	0.04	1,330	92	4,000	276	229	9.0
TSHV26.1B01	TSHV26.1B01	26.1mm HEAVY WALL	26.1	1.028	0.6	0.024	31	1.159	0.85	0.033	1.02	0.04	1,160	80	3,500	241	305	12.0