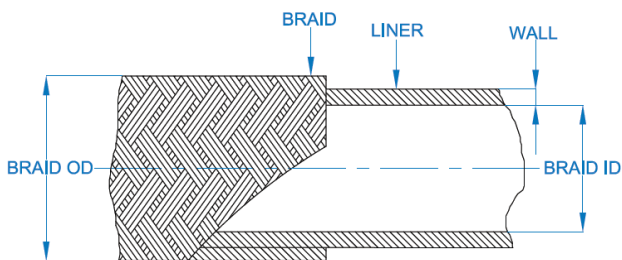


## Smooth Bore Hose - Metric Heavy Wall Range

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

<b>Applications</b>	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.
<b>Inner layer construction</b>	Medium wall smoothbore PTFE tube - PTFE according to "ISO12086, Part 1.PT-FE-E.P.D.M 1.6.1.C.E.4_12"
<b>Outer Layer construction</b>	High tensile 304 maypole wound Stainless Steel braid
<b>Temperature range</b>	-60°C to +260°C (-76°F to +500°F)
<b>Ferrule range available</b>	No
<b>Fitting range available</b>	Not at present
<b>Other</b>	Antistatic liners are available for the Metric range for when electrically resistive fluids are being transferred at high flow rates. Both two wire braid, 316 stainless steel braid and Heavy Wall derivatives are available for this range.

### Smooth Bore Heavy Wall Metric Range

USA Part Number	Part Number	Description	Tube Wall Thickness Nom.		Braid OD Nominal		Tolerance +/-		Braid ID Nominal		Tolerance +/-		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)
TSHV6.7B01	TSHV6.7B01	6.7mm HEAVY WALL	1.02	0.040	10.06	0.396	0.60	0.024	6.70	0.264	0.40	0.016	3,330	230	10,000	689	76	2.992
TSHV8.4B01	TSHV8.4B01	8.4mm HEAVY WALL	1.02	0.040	11.75	0.463	0.60	0.024	8.40	0.331	0.40	0.016	3,000	207	9,000	621	102	4.016
TSHV10.0B01	TSHV10.0B01	10.0mm HEAVY WALL	1.02	0.040	13.35	0.526	0.60	0.024	10.00	0.394	0.40	0.016	2,660	183	8,000	552	127	5.000
TSHV10.3B01	TSHV10.3B01	10.3mm HEAVY WALL	1.02	0.040	13.60	0.535	0.60	0.024	10.30	0.406	0.40	0.016	2,660	183	8,000	552	133	5.236
TSHV13.4B01	TSHV13.4B01	13.4mm HEAVY WALL	1.02	0.040	16.75	0.659	0.75	0.030	13.40	0.528	0.50	0.020	2,330	161	7,000	483	152	5.984
TSHV16.6B01	TSHV16.6B01	16.6mm HEAVY WALL	1.02	0.040	20.07	0.790	0.75	0.030	16.60	0.654	0.50	0.020	1,660	114	5,000	345	178	7.008
TSHV19.8B01	TSHV19.8B01	19.8mm HEAVY WALL	1.02	0.040	23.15	0.911	0.85	0.033	19.80	0.780	0.60	0.024	1,500	103	4,500	310	203	7.992
TSHV22.1B01	TSHV22.1B01	22.1mm HEAVY WALL	1.02	0.040	25.53	1.005	0.85	0.033	22.10	0.870	0.60	0.024	1,330	92	4,000	276	229	9.016
TSHV26.1B01	TSHV26.1B01	26.1mm HEAVY WALL	1.02	0.040	29.45	1.159	0.85	0.033	26.10	1.028	0.60	0.024	1,160	80	3,500	241	305	12.008

