

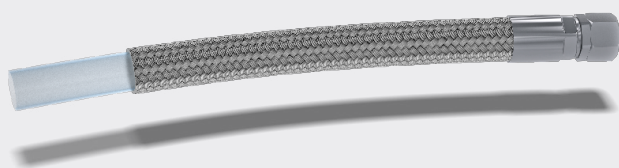


# FLUID TRANSFER SYSTEMS

## Imperial

### Product Description

The classic PTFE hose. Ideal problem solver for applications involving aggressive chemicals and/or extremes of temperature and movement. Designed to use PTFE hose tailed fittings. The smoothbore PTFE liner means that the hose can pass very stringent cleanliness specifications laid down by the automotive, food or chemical industries. A range of ferrules to suit this product are available from KA Fluid Systems.



### Properties

<b>Application</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>Design</b>	Smoothbore PTFE tube with high tensile SS 304 braid in imperial sizing
<b>Inner layer</b>	Medium wall smoothbore PTFE tube
<b>Outer Layer</b>	High tensile 304 maypole wound Stainless Steel braid
<b>Temperature Min / Max</b>	-60°C to +260°C (-76°F to +500°F)
<b>Material</b>	PTFE according to "ISO12086, Part 1.PTFE-E.P.D.M 1.6.1.C.E.4_12"
<b>Other</b>	

### Imperial 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)
TSSV6.2B01	TSSV6.2B01	1/4" STD	6.22	0.245	0.4	0.016	8.64	0.34	0.6	0.024	0.64	0.025	3495	241	10498	724	76	2.992
TSSV7.8B01	TSSV7.8B01	5/16" STD	7.8	0.307	0.4	0.016	10.36	0.46	0.6	0.024	0.58	0.023	3335	230	10005	690	102	4.016
TSSV8.9B01	TSSV8.9B01	3/8" STD	8.94	0.352	0.4	0.016	11.68	0.52	0.6	0.024	0.64	0.025	3176	219	9498	655	127	5
TSSV10.2B01	TSSV10.2B01	13/32" STD	10.29	0.405	0.4	0.016	13.21	0.606	0.6	0.024	0.76	0.03	2828	195	8497	586	133	5.236
TSSV12.4B01	TSSV12.4B01	1/2" STD	12.37	0.487	0.4	0.016	15.4	0.606	0.6	0.024	0.76	0.03	2335	161	7004	483	140	5.512
TSSV15.2B01	TSSV15.2B01	5/8" STD	15.15	0.596	0.5	0.02	18.4	0.724	0.75	0.03	0.89	0.035	2001	138	6003	414	165	6.496
TSSV18.9B01	TSSV18.9B01	3/4" STD	18.9	0.744	0.6	0.024	22.1	0.87	0.85	0.033	0.89	0.035	1653	114	5003	345	203	7.992
TSSV22.0B01	TSSV22.0B01	7/8" STD	22.05	0.868	0.6	0.024	25.27	0.995	0.85	0.033	0.89	0.035	1334	92	4002	276	229	9.016

### Note

Antistatic liners are available for the Imperial range for when electrically resistive fluids are being transferred at high flowrates. Both two wire braid, 316 stainless steel braid and Heavy Wall derivatives are available for this range. Please contact our sales team for more information on these products.