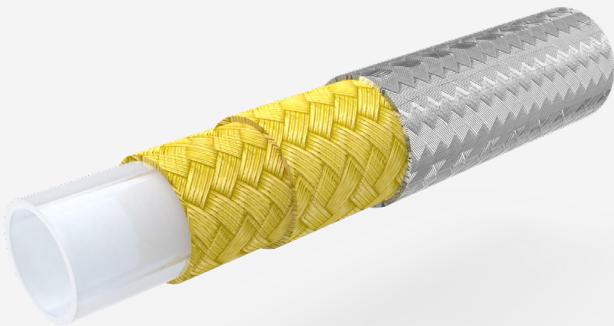


# PressureFlex®



## PROPERTIES

APPLICATION	<b>HIGH PRESSURE GAS OR FLUID APPLICATIONS WHERE WEIGHT AND HOSE OD ARE KEY</b>
DESIGN	<b>SMOOTHBORE GAS QUALITY PTFE TUBE WITH A DOUBLE ARAMID BRAID AND HIGH TENSILE SS 304 BRAID</b>
INNER LAYER	<b>GAS QUALITY OR HEAVY WALL SMOOTHBORE VIRGIN PTFE TUBE</b>
OUTER LAYER	<b>2 ARAMID BRAIDS AND 1 HIGH TENSILE 304 MAYPOLE WOUND STAINLESS STEEL BRAID</b>
TEMPERATURE MIN/MAX	<b>- 54°C TO +150°C (-65°F TO +302°F)*</b>
MATERIAL	<b>"ASTM D4895, TYPE 1, GRADE 4, CLASS B"</b>

\* Aramid yarn is the limiting material in the hose construction. For any application above 150°C please contact your KA representative for working pressure and service length duration.

## PRODUCT DESCRIPTION

The lightest weight high pressure PTFE hose on the market. Performing well above its weight this light weight hose also gives cost reduction along with excellent routability due to its excellent bend radius and reduced OD to comparable performing products. This range is also available with a fully validated range of fittings and ferrules for your added safety.





## PressureFlex® RANGE

PART NUMBER	DESCRIPTION	ID NOMINAL		TOLERANCE		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)
TSGV6-2B25	1/4" GAS LINED 2AB 1WB	6,20	0,244	0,30	0,012	12,30	0,484	0,50	0,020	1,02	0,040	6889	475	27557	1900	38	1,50
TSGV8-1B25	5/16" GAS LINED 2AB 1WB	8,10	0,319	0,30	0,012	14,20	0,559	0,50	0,020	1,02	0,040	6527	450	26107	1800	47	1,85
TSGV9-5B25	3/8" GAS LINED 2AB 1WB	9,50	0,374	0,30	0,012	16,00	0,630	0,50	0,020	1,02	0,040	6237	430	25382	1750	64	2,52
TSHV12-7B25	1/2" HEAVY WALL LINED 2AB 1WB	12,70	0,500	0,30	0,012	19,50	0,768	0,50	0,020	1,02	0,040	6164	425	24656	1700	74	2,91
TSHV15-1B25	5/8" HEAVY WALL LINED 2AB 1WB	15,10	0,594	0,40	0,016	22,00	0,866	0,6	0,024	1,25	0,049	5221	360	21030	1450	90	3,54
TSHV20-2B25	3/4" HEAVY WALL LINED 2AB 1WB	20,00	0,787	0,5	0,020	27,50	1,083	0,7	0,028	1,25	0,049	3989	275	15954	1100	180	7,09
TSHV24-2B25	1" HEAVY WALL LINED 2AB 1WB	23,00	0,906	0,6	0,024	31,80	1,252	0,8	0,031	1,25	0,049	3626	250	14504	1000	200	7,87

## PressureFlex® CONDUCTIVE PS HOSE

PART NUMBER	DESCRIPTION	ID NOMINAL		TOLERANCE		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)
T4050-04	1/4" POST SINTERED LINED 2AB 1WB	6,48	0,255	0,76	0,030	13,46	0,530	1,02	0,040	1,30	0,051	9000	621	36000	2482	63,50	2,50
T4050-06	3/8" POST SINTERED LINED 2AB 1WB	9,78	0,385	0,76	0,030	18,67	0,735	1,02	0,040	1,30	0,051	8000	552	32000	2206	88,90	3,50
T4050-08	1/2" POST SINTERED LINED 2AB 1WB	13,21	0,520	0,76	0,030	23,06	0,908	1,02	0,040	1,22	0,048	7000	483	28000	1931	127,00	5,00

T4050 part numbers are Pressureflex® hoses available with a post-sintered liner. Please speak to your Kongsberg Automotive representative if you need help choosing the correct PTFE liner for your application.

