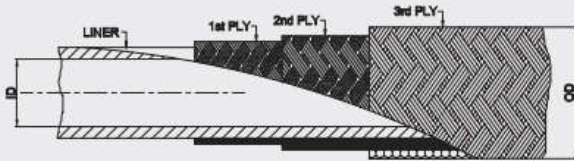


FLUID TRANSFER SYSTEMS

Pressureflex

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.



Properties

Application	High pressure gas or fluid applications where weight and hose OD are key
Design	Smoothbore gas quality PTFE tube with a double aramid braid and high tensile SS 304 braid
Inner layer	Gas quality or heavy wall smoothbore PTFE tube
Outer layer	2 aramid braids and 1 high tensile 304 maypole wound stainless steel braid
Temperature Min	-60°C
Temperature Max	+260°C *
Material	PTFE according to "ISO12086, Part1. PTFE-E.P.D.M 1.61.C.E.4_12"

* 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.

Pressureflex Range

PartCode	Description	Tube Wall Thickness Nominal	Braid OD Nominal	Tolerance +/-	Braid ID Nominal	Tolerance +/-	Max working pressure	Min. Burst Pressure	Min. Bend Radius
		(mm)	(mm)	(mm)	(mm)	(mm)	(bar)	(bar)	(mm)
TSGV6-2B25	1/4" GAS 2AB 1WB	1,02	12,30	0,50	6,20	0,30	475	1900	38
TSGV8-1B25	5/16" GAS 2AB 1WB	1,02	14,20	0,50	8,10	0,30	450	1800	47
TSGV9-5B25	3/8" GAS 2AB 1WB	1,02	16,00	0,50	9,50	0,30	430	1750	64
TSHV12-3B25	1/2" HEAVY WALL 2AB 1WB	1,02	19,00	0,50	12,20	0,30	425	1700	74
TSHV15-1B25	5/8" HEAVY WALL 2AB 1WB	1,25	22,00	0,60	15,10	0,40	360	1450	90
TSHV20-2B25	3/4" HEAVY WALL (2WB)	1,25	27,50	0,70	20,00	0,50	275	1100	180
TSHV24-2B25	1" HEAVY WALL (2WB)	1,25	31,80	0,80	23,00	0,60	250	1000	200

