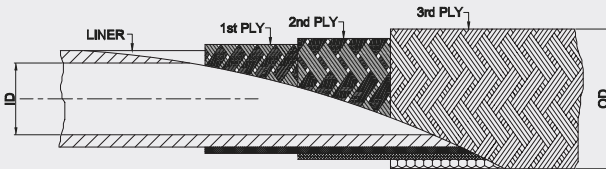


ETFE Lined Range

Fluid Transfer Systems

Product Description

When extremely low permeation rates are needed in combination with the high chemical resistance and purity of a fluoropolymer, an ETFE lined hose is a perfect fit. Offered with medium and 6000 psi high pressure reinforcement packages in long lengths, Kongsberg's new flexible and light weight ETFE line is a great addition to our traditional post sintered PTFE hoses*.



*Please contact your KA representative for test- and comparison data.

Properties

Application	Medium- and high-pressure gas, food or fluid applications where permeation, weight and chemical inertness are key
Design	Smoothbore ETFE tube with various layers of aramid braids and high tensile SS 304 braids
Inner layer construction	Medium wall smoothbore virgin ETFE tube; ETFE according to ASTM D5-3159 type I, grade 1
Outer layer Construction	1 aramid braid, protection foil PTFE or PET, 1 or 2 high tensile 304 maypole wound stainless steel braid
Temperature Min	- 60°C
Temperature Max	+150°C
Certification	In compliance: FDA
Other	A blue Hytrel jacket is available, other colors / jackets on request

Medium Pressure Range

Part Number	Description	Tube Wall Thickness Norm.		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)
ESGV3-5B05	1/8" ETFE Hose 1WB 316SS	1,02	0,04	6,43	0,25	0,40	0,02	3,51	0,1	0,30	0,01	4500	310	13500	931	38	1,5
ESGV4-9B01	3/16" ETFE Hose 1WB 304SS	1,02	0,04	8	0,31	0,60	0,02	4,93	0,2	0,30	0,01	4000	276	13000	896	51	2,0
ESGV4-9B05	3/16" ETFE Hose 1WB 316SS	1,02	0,04	8	0,31	0,60	0,02	4,93	0,2	0,30	0,01	4000	276	13000	896	51	2,0
ESGV4-9B06	3/16" ETFE Hose 2WB 316SS	1,02	0,04	10,1	0,40	0,60	0,02	4,93	0,2	0,30	0,01	4375	302	17500	1207	100	3,9
ESGV6-6B01	1/4" ETFE Hose 1WB 304SS	1,02	0,04	10,1	0,40	0,60	0,02	6,6	0,3	0,30	0,01	3666	253	11000	758	76	3,0
T1763-04	1/4" ETFE Hose 1WB 304SS	0,71	0,03	7,64	0,3	0,60	0,02	4,93	0,2	0,30	0,01	3000	207	12000	827	51	2,0
ESGV6-6B04	1/4" ETFE Hose 2 x bunch braid	1,02	0,04	11,4	0,45	0,60	0,02	6,35	0,3	0,30	0,01	4640	320	18560	1280	76	3,0
ESGV8-1B01	5/16" ETFE 1WB 304SS	1,02	0,04	11,4	0,45	0,60	0,02	8,05	0,3	0,30	0,01	3600	248	10800	745	76	3,0
T1763-05	5/16" ETFE Hose 1WB 304SS	0,71	0,03	9,65	0,4	0,60	0,02	6,89	0,3	0,30	0,01	3000	207	12000	827	76	3,0

High Pressure Range

Part Number	Description	Tube Wall Thickness Norm.		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)
T1202-04	1/4" ETFE Hose 1AB 1WB 304SS	0,9	0,038	10,5	0,4	0,60	0,02	5,5	0,2	0,30	0,01	6000	413	24000	1655	25	1,0
T1202-08	1/2" ETFE Hose 1AB 1WB 304SS	1,2	0,048	16,5	0,65	0,60	0,02	10,0	0,4	0,30	0,01	6000	413	24000	1655	76	3,0