

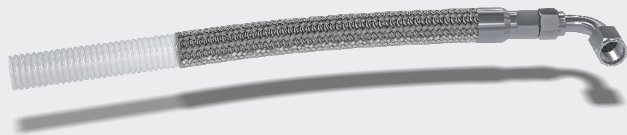


# FLUID TRANSFER SYSTEMS

Easyflex®

## Product Description

Originally designed for easy assembly by re-sellers looking to extend their product portfolio. Easyflex® has a 'true' I/D and eliminates the need to de-convolute the hose when using standard hydraulic inserts. Used in applications where constant flexing, high temperatures or chemical resistance is paramount the Easyflex® hose offers a cost effective solution over the full life of the hose. A range of ferrules to suit this product is available from KA Fluid systems.



## Properties

<b>Application</b>	Used globally in low to medium pressure premium applications that require more flexibility or tighter bend radius whilst still requiring the high temperature and impeccable chemical resistance of the standard PTFE hose
<b>Design</b>	Helically convoluted PTFE tube with high tensile SS 304 braid
<b>Inner layer</b>	Helically convoluted PTFE tube
<b>Outer layer</b>	High tensile 304 maypole wound Stainless Steel
<b>Temperature Min/Max</b>	-60°C to +260°C (-76°F to +500°F)
<b>Material</b>	PTFE according to "ASTM D4895, Type 1, Grade 4, Class B"

## Easyflex® 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)
TCEV71B01	TCEV71B01	1/4" EASYFLEX	7.1	0.28	0.5	0.02	12.3	0.484	0.5	0.02	0.76	0.03	2,500	172	7,500	517	18	0.709
TCEV9.5B01	TCEV9.5B01	3/8" EASYFLEX	9.5	0.374	0.6	0.024	14.75	0.6	0.6	0.024	0.76	0.03	2,000	138	6,000	414	20	0.787
TCEV12.8B01	TCEV12.8B01	1/2" EASYFLEX	12.83	0.505	0.6	0.024	18.8	0.74	0.6	0.024	0.89	0.035	1,500	103	4,500	310	25	0.984
TCEV15.9B01	TCEV15.9B01	5/8" EASYFLEX	15.88	0.625	0.6	0.024	22.1	0.87	0.6	0.024	0.89	0.035	1,200	83	3,600	248	51	2.008
TCEV19.0B01	TCEV19.0B01	3/4" EASYFLEX	19.05	0.75	0.7	0.028	24.65	0.97	0.7	0.028	0.89	0.035	1,000	69	3,000	207	64	2.52
TCEV22.4B01	TCEV22.4B01	7/8" EASYFLEX	22.35	0.88	0.8	0.031	28.7	1.13	0.8	0.031	0.89	0.035	830	57	2,500	172	76	2.992
TCEV25.5B01	TCEV25.5B01	1" EASYFLEX	25.4	1	0.8	0.031	32.77	1.29	0.8	0.031	1.02	0.04	667	46	2,000	138	89	3.504
TCEV32.2B01	TCEV32.2B01	1 1/4" EASYFLEX	32.2	1.268	0.8	0.031	40.72	1.603	0.8	0.031	1.02	0.04	500	34	1,500	103	127	5
TCEV38.1B01	TCEV38.1B01	1 1/2" EASYFLEX	38.1	1.5	0.8	0.031	47	1.9	0.8	0.031	1.12	0.044	435	30	1,305	90	152	5.984
TCEV50.4B01	TCEV50.4B01	2" EASYFLEX	51.4	2.024	0.8	0.031	60	2.421	0.8	0.031	1.2	0.047	333	23	1,000	69	200	7.874

## Note

Antistatic liners are available for Easyflex® for when electrically resistive fluids are being transferred at high flow rates. Also available with acid resistant 316 SS. Please contact our sales team for more information on these products.