

EasyFlex®

FLUID TRANSFER SYSTEMS



PROPERTIES

APPLICATION	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
DESIGN	HELICALLY CONVOLUTED PTFE TUBE WITH HIGH TENSILE SS 304 BRAID
INNER LAYER	HELICALLY CONVOLUTED PTFE TUBEHELICALLY
OUTER LAYER	HIGH TENSILE 304 MAYPOLE WOUND STAINLESS STEEL
TEMPERATURE MIN/MAX	-60°C TO +260°C (-76°F TO +500°F)
MATERIAL	PTFE ACCORDING TO: "ISO12086, PART 1. PTFE-E.P.D.M 1.6.1.C.E.4_12"

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, high temperatures or chemical resistance is paramount the Easyflex® hose is 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.



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EASYFLEX® RANGE

PART NUMBER	DESCRIPTION	TUBE WALL THICKNESS NOM.		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
TCEV6-2B01	1/4" EASYCRIMP	6,20	0,24	0,40	0,02	9,40	0,37	0,40	0,02	0,76	0,03	2495	172	7498	517	18	0,71
TCEV7-1B01	1/4" EASYFLEX	7,10	0,28	0,50	0,02	12,30	0,48	0,50	0,02	0,76	0,03	2495	172	7498	517	18	0,71
TCEV8-0B01	8.0MM EASYFLEX	8,00	0,31	0,80	0,03	12,50	0,49	0,80	0,03	0,76	0,03	2495	172	7498	517	18	0,71
TCEV9-9B01EC	3/8" EASYCRIMP	9,50	0,37	0,60	0,02	13,45	0,53	0,60	0,02	0,70	0,03	2002	138	6005	414	20	0,79
TCEV9-5B01	3/8" EASYFLEX	9,50	0,37	0,60	0,02	14,75	0,58	0,60	0,02	0,76	0,03	2002	138	6005	414	20	0,79
TCEV12-8B01	1/2" EASYFLEX	12,83	0,51	0,60	0,02	18,80	0,74	0,60	0,02	0,89	0,04	1494	103	4496	310	25	0,98
TCEV15-9B01	5/8" EASYFLEX	15,88	0,63	0,60	0,02	22,10	0,87	0,60	0,02	0,89	0,04	1204	83	3597	248	51	2,01
TCEV19-0B01	3/4" EASYFLEX	19,05	0,75	0,70	0,03	24,65	0,97	0,70	0,03	0,89	0,04	1001	69	3002	207	64	2,52
TCEV22-4B01	7/8" EASYFLEX	22,35	0,88	0,80	0,03	28,70	1,13	0,80	0,03	0,89	0,04	827	57	2495	172	76	2,99
TCEV25-5B01	1" EASYFLEX	25,40	1,00	0,80	0,03	32,77	1,29	0,80	0,03	1,02	0,04	667	46	2002	138	89	3,50
TCEV32-2B01	1 1/4" EASYFLEX	32,20	1,27	0,80	0,03	40,72	1,60	0,80	0,03	1,02	0,04	493	34	1494	103	127	5,00
TCEV38-1B01	1 1/2" EASY FLEX	38,10	1,50	0,80	0,03	47,00	1,85	0,80	0,03	1,12	0,04	435	30	1305	90	152	5,98
TCEV50-4B01	2" EASYFLEX	51,40	2,02	0,80	0,03	60,00	2,36	0,80	0,03	1,10	0,04	334	23	1001	69	200	7,87

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.

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