

PTFE TYPE

standard wall teflon hose

EFL1

PTFE

A smooth bore PTFE hose suitable for many severe applications involving solvents, paints, gases, fuels, hydraulic oils and many others where requirements of high temperature, medium pressure, chemical resistance and flex-life are paramount.

Construction

Type EFL1 comprises of a TEFLON[®] 62 liner with an A.I.S.I. 304 Stainless Steel outer braid.

Specification

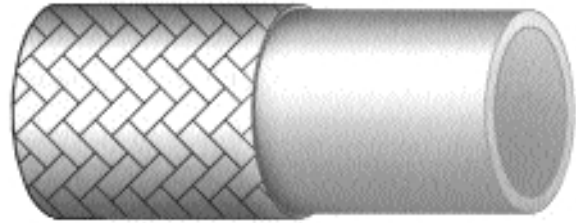
This hose meets Europower DMQ approval specification when using the designated Europower permanently swaged fittings.

Fittings

Europower X series non-skived permanently swaged fittings are fully DMQ approved.

Applications

- * Chemical Transfer
- * Steam Transfer
- * High/Low Temperature Applications
- * Solvent Transfer
- * Compressor Discharge
- * Diesel/Petrol Feed
- * Mould Heating Hot Oil



Performance

- * Min/max continuous service temperature range -60 C to 260 C.
- * Excellent dielectric properties independent of frequency and temperature (non-conductive).
- * Virtually inert to chemical attack.
- * Non-inflammable.
- * Excellent fatigue resistance, particularly in applications involving flexing and vibration.
- * 4:1 Safety Factor.

Note

- 1 EFL1-02 requires special inserts and ferrules, to be advised on order.
- 2 Not recommended for impulse pressure applications without prior consultation with our Technical Department.

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HOSE TYPE	NOMINAL INSIDE DIAMETER		NOMINAL OUTSIDE DIAMETER		NOMINAL WALL THICKNESS		MINIMUM BEND RADIUS		DYNAMIC WORKING PRESSURE		MINIMUM BURST PRESSURE		WEIGHT		FERRULE PART NO
	IN	M M	IN	M M	IN	M M	IN	M M	PSI	BAR	PSI	BAR	LB/FT	KG/M	
EFL1-02	1/8	3.6	0.25	6.2	0.04	1.02	1.0	25	3250	224	13000	897	0.06	0.09	
EFL1-03	3/16	5.1	0.32	8.0	0.03	0.76	2.0	51	3000	207	12000	828	0.06	0.09	X-03N
EFL1-04	1/4	6.6	0.38	9.5	0.025	0.64	3.0	76	2750	190	11000	759	0.07	0.10	X-04N
EFL1-05	5/16	8.3	0.43	10.8	0.025	0.64	4.0	102	2250	155	9000	621	0.07	0.11	X-05-741
EFL1-06	3/8	9.8	0.49	12.3	0.025	0.64	4.5	114	2000	138	8000	552	0.09	0.14	X-06-7412
EFL1-08	1/2	13.1	0.63	16.0	0.035	0.89	5.0	127	1500	103	6000	414	0.15	0.23	X-08-7412
EFL1-10	5/8	16.1	0.75	19.1	0.035	0.89	6.0	152	1375	95	5500	379	0.18	0.27	X-10-7412
EFL1-12	3/4	19.4	0.88	22.4	0.035	0.89	8.0	203	1125	78	4500	310	0.22	0.32	X-12-7412
EFL1-16	1	25.8	1.13	28.7	0.04	1.02	12.0	305	875	60	3500	241	0.30	0.45	X-16N



Europower Hydraulics Limited, Southgate, Market Weighton, York YO4 3BG

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BSEN ISO 9000 Approved Company

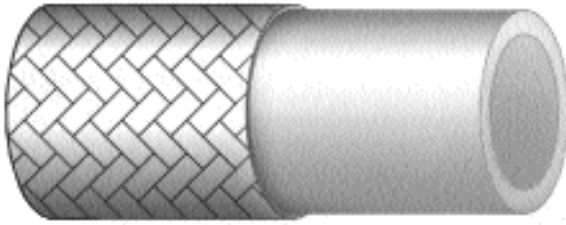
standard wall teflon hose



EFH1

PTFE TYPE

heavy wall teflon hose



A smooth bore heavy PTFE hose suitable for many severe applications involving solvents, paints, gases, fuels, hydraulic oils and many others where requirements of high temperature, medium pressure, chemical resistance and flex-life are paramount.

Type EFH1 is more robust than type EFL1 and is particularly suitable for applications involving extreme low temperature flexing and thermal cycling.

Construction

Type EFH1 comprises of a TEFLON[®] 62 heavy wall liner with an A.I.S.I. 304 Stainless Steel outer braid.

Specification

This hose meets Europower DMQ approval specification when using the designated Europower permanently swaged fittings.

Fittings

Europower X series non-skived permanently swaged fittings are fully DMQ approved.

Applications

- * Chemical Transfer
- * Steam Transfer
- * High/Low Temperature Applications
- * Compressor Discharge
- * Diesel/Petrol Feed
- * Mould Heating Hot Oil

Performance

- * Min/max continuous service temperature range -60 C to 260 C.
- * Excellent dielectric properties independent of frequency and temperature (non-conductive).
- * Virtually inert to chemical attack.
- * Non-inflammable.
- * Excellent fatigue resistance, particularly in applications involving flexing and vibration.
- * Greater kink resistance.
- * 4:1 Safety Factor.

Note

1. Not recommended for impulse pressure applications without prior consultation with our Technical Department.

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HOSE TYPE	NOMINAL INSIDE DIAMETER		NOMINAL OUTSIDE DIAMETER		NOMINAL WALL THICKNESS		MINIMUM BEND RADIUS		DYNAMIC WORKING PRESSURE		MINIMUM BURST PRESSURE		WEIGHT		FERRULE PART NO
	IN	MM	IN	MM	IN	MM	IN	MM	PSI	BAR	PSI	BAR	LB/FT	KG/M	
EFH1-04	1/4	6.6	0.39	9.91	0.04	1.02	1.5	38	2750	190	11000	759	0.09	0.13	X-04M
EFH1-05	5/16	8.3	0.45	11.4	0.04	1.02	2.2	56	2250	155	9000	621	0.09	0.14	X-05N
EFH1-06	3/8	9.8	0.52	13.2	0.04	1.02	2.5	64	2000	138	8000	552	0.11	0.17	X-06-7412
EFH1-08	1/2	13.1	0.64	16.1	0.04	1.12	3.5	89	1500	103	6000	414	0.17	0.26	X-08-7412
EFH1-10	5/8	16.1	0.79	19.9	0.044	1.12	4.5	114	1375	95	5500	379	0.21	0.31	X-10-7412
EFH1-12	3/4	19.4	0.91	23.1	0.047	1.19	5.75	146	1125	78	4500	310	0.25	0.37	X-12-7412
EFH1-16	1	25.8	1.15	29.21	0.047	1.19	10.0	254	875	60	3500	241	0.32	0.47	X-16N



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