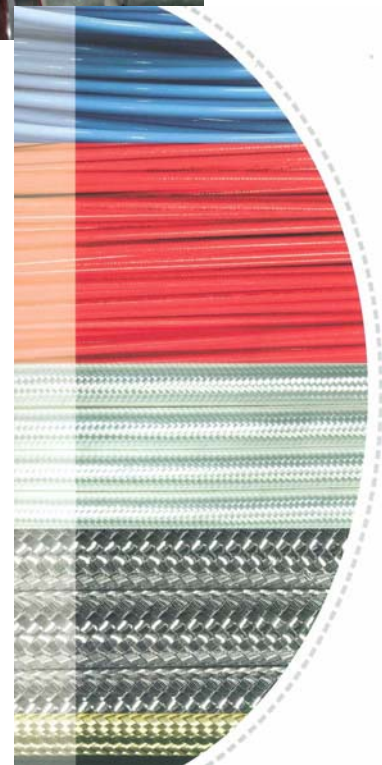


EXITFLEX®



P.T.F.E. HOSE

INTRODUCTION

Exitflex (UK) Ltd was established in 1985 as the first major European branch for EXITFLEX SA, the leading Swiss manufacturer of tungsten carbide spray tips, paint spray hoses, surface treatment system components and accessories.

Continued demand and strength led to the creation of additional distribution companies for EXITFLEX SA which are now also located in Australia, Germany, Poland, Singapore, Sweden and USA.

EXITFLEX manufactures hose for industrial OEM equipment producers. With a complete parts warehouse, extensive thermoplastic, rubber and PTFE hose stock and years of experience, EXITFLEX can also provide the best service to after-market businesses involved in surface treatment, hydraulic, gas, water jetting and bulk hose supply.

We now offer custom multiple hoses in welded form and private branding of thermoplastic hoses with low minimum order levels.

We are continually extending our product portfolio and now offer the widest range available from one UK company of thermoplastic, rubber and PTFE hoses, industrial surface treatment system components and accessories.

Using our expertise and in-house design, development and engineering facilities we offer a product development and logistics supply to meet the most demanding customer and application criteria.

Please browse this catalogue and our website. If you need any help or advice in choosing the right product for your application please call Exitflex UK Ltd – we look forward to being of service to you.

Additional product catalogues are available for our Rubber and Thermoplastic product ranges, please visit www.exitflex.co.uk to download or contact us to request a copy.

Our full contact details are on the last page of this brochure
www.exitflex.co.uk

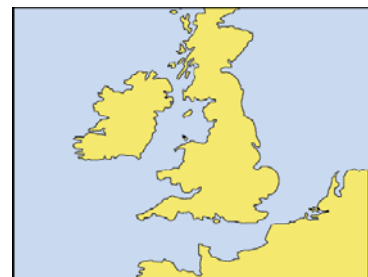
We manufacture



We stock



We deliver



The details and information in this catalogue are believed to be correct at time of printing (E&OE). We do however reserve the right to modify product designs and specification if deemed necessary by us. This will normally only be in the interest of improved product performance longevity.

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Application:

P.T.F.E hose has excellent temperature characteristics both in high and low temperature, Excellent chemical resistance, non contamination properties, low coefficient of friction and resists deterioration. Therefore the hose is used generally in applications where all are one of the above properties is the main criteria.

Application Standards:

SAE J517 - 100R14

Construction:

Core: Sintered tube of polytetrafluoroethylene (P.T.F.E.).

Reinforcement: Single braid of 303/304 series of stainless steel wire

Temperature Standards:

Continuous -54°C to + 260°C



EF179 - R14 ^{1W/B}

code	dash size	Wall Thickness Tube	Hose I.D. (Nom.)		Hose O.D. (Nom.)		Working Pressure		Min. Burst Pressure		Min. Bend Radius	
			inch	Mm	inch	mm	psi	bar	psi	bar	mm	inch
EF179-2	-3	1.00	1/8	3.0	0.24	6.2	3260	225	13040	900	40	1.60
EF179-3	-4	0.70	3/16	5.0	0.30	7.6	2750	190	11000	760	50	2.0
EF179-4	-5	0.70	1/4	6.0	0.35	8.8	2610	180	10440	720	75	3.0
EF179-5	-6	0.70	5/16	8.0	0.43	11.0	2540	175	10160	700	100	4.0
EF179-6	-7	0.70	3/8	9.5	0.48	12.1	2390	165	9560	660	125	5.0
EF179-8	-10	0.75	1/2	12.7	0.64	16.2	1740	120	6960	480	165	6.6
EF179-10	-12	0.90	5/8	16.0	0.74	18.8	1270	88	5080	352	200	8.0
EF179-12	-14	0.90	3/4	19.0	0.91	23.1	1010	70	4040	280	230	9.20
EF179-16	-18	1.20	1	25.0	1.15	29.2	870	60	3480	240	300	12.00

Application:

P.T.F.E. hose has excellent temperature characteristics both in high and low temperature, Excellent chemical resistance, non contamination properties, low coefficient of friction and resists deterioration. Therefore the hose is used generally in applications where all or one of the above properties is the main criteria.

Application Standards:

Exceeds SAE J517 - 100R14 pressure requirements.

Construction:

Core: Sintered tube of polytetrafluoroethylene (P.T.F.E.).

Reinforcement: Double braids of 303/304 series of stainless steel wire

Temperature Standards:

Continuous -54°C to + 260°C



EF381 - R14 2W/B

code	dash size	Wall Thickness Tube	Hose I.D. (Nom.)		Hose O.D. (Nom.)		Working Pressure		Min. Burst Pressure		Min. Bend Radius	
			inch	Mm	inch	mm	psi	bar	psi	bar	mm	inch
EF381-2	-3	1.00	1/8	3.0	0.30	7.7	4490	310	17960	1240	50	2.00
EF381-3	-4	0.70	3/16	5.0	0.36	9.1	3770	260	15080	1040	65	2.60
EF381-4	-5	0.70	1/4	6.0	0.41	10.3	3620	250	14480	1000	95	3.80
EF381-5	-6	0.70	5/16	8.0	0.49	12.5	3550	245	14200	980	125	5.0
EF381-6	-7	0.70	3/8	9.5	0.54	13.6	3330	230	13320	920	160	6.4
EF381-8	-10	0.75	1/2	12.7	0.68	17.2	2320	160	9280	640	210	8.4
EF381-10	-12	0.90	5/8	16.0	0.83	21.1	1600	110	6400	440	270	10.80
EF381-12	-14	0.90	3/4	19.0	0.94	23.9	1380	95	5520	380	300	12.0
EF381-16	-18	1.20	1	25.0	1.20	30.5	1080	75	4320	300	420	16.80

Application:

P.T.F.E. hose has excellent temperature characteristics both in high and low temperature, Excellent chemical resistance, non contamination properties, low coefficient of friction and resists deterioration. Therefore the hose is used generally in applications where all or one of the above properties is the main criteria in automotive, chemical, pharmaceutical & food processing, plastic & rubber moulding machines. Also, for some applications the tube can also be made conductive to dissipate electro-static charges.

Application Standards:

Polyhose proprietary product.

Construction:

Core: Helically convoluted sintered tube of polytetrafluoroethylene (P.T.F.E.).

Reinforcement: Single braid of 304/316 series of stainless steel wire

Temperature Standards:

Continuous -54°C to + 260°C

EF370 - Convoluted



code	dash size	Wall Thickness Tube	Hose I.D. (Nom.)		Hose O.D. (Nom.)		Working Pressure		Min. Burst Pressure		Min. Bend Radius	
			inch	mm	Inch	mm	psi	bar	psi	bar	mm	inch
			EF370-6	-6	1.0	3/8	9.5	0.59	15.0	1650	110	6600
EF370-8	-8	1.0	1/2	12.8	0.77	19.5	1500	100	6000	400	38	1.5
EF370-10	-10	1.25	5/8	16.0	0.91	23.2	1250	85	5000	340	64	2.6
EF370-12	-12	1.25	3/4	19.0	1.07	27.1	1250	85	5000	340	64	2.6
EF370-16	-16	1.65	1	25.5	1.33	33.9	1000	68	4000	272	75	3.00
EF370-20	-20	1.65	1.1/4	32.0	1.56	39.7	950	65	3800	260	88	3.5
EF370-24	-24	1.65	1.1/2	38.0	1.87	47.5	750	50	3000	200	115	4.6
EF370-32	-32	1.65	2	50.8	2.35	59.8	500	35	2000	140	150	6.0

Application:

P.T.F.E. hose has excellent temperature characteristics both in high and low temperature, Excellent chemical resistance, non contamination properties, low coefficient of friction and resists deterioration. Therefore the hose is used generally in applications where all or one of the above properties is the main criteria in automotive, chemical, pharmaceutical & food processing, plastic & rubber moulding machines. Also, for some applications the tube can also be made conductive to dissipate electro-static charges.

Application Standards:

Exitflex proprietary product.

Construction:

Core: Helically convoluted sintered tube of polytetrafluoroethylene (P.T.F.E.) and tape wrapped.

Reinforcement: Single braid of 304/316 series of stainless steel wire

Temperature Standards:

Continuous -54°C to + 260°C



EF371 – Convoluted Tape Wrapped

code	dash size	Wall Thickness Tube	Hose I.D. (Nom.)		Hose O.D. (Nom.)		Working Pressure		Min. Burst Pressure		Min. Bend Radius	
			inch	mm	Inch	mm	psi	bar	psi	bar	mm	inch
			EF371-6	-6	1.0	3/8	9.5	0.59	15.0	1650	110	6600
EF371-8	-8	1.0	1/2	12.8	0.77	19.5	1500	100	6000	400	38	1.5
EF371-10	-10	1.25	5/8	16.0	0.91	23.2	1250	85	5000	340	64	2.6
EF371-12	-12	1.25	3/4	19.0	1.07	27.1	1250	85	5000	340	64	2.6
EF371-16	-16	1.65	1	25.5	1.33	33.9	1000	68	4000	272	75	3.00
EF371-20	-20	1.65	1.1/4	32.0	1.56	39.7	950	65	3800	260	88	3.5
EF371-24	-24	1.65	1.1/2	38.0	1.87	47.5	750	50	3000	200	115	4.6
EF371-32	-32	1.65	2	50.8	2.35	59.8	500	35	2000	140	150	6.0

Application:

P.T.F.E. hose has excellent temperature characteristics both in high and low temperature, Excellent chemical resistance, non contamination properties, low coefficient of friction and resists deterioration. Therefore the hose is used generally in applications where all or one of the above properties is the main criteria. Transport of cryogenic gases at high pressure.

Application Standards:

Exitflex proprietary product.

Construction:

Core: Special quality of sintered tube of polytetrafluoroethylene (P.T.F.E.).

Reinforcement: Double braids of 303/304 series of stainless steel wire

Temperature Standards:

Continuous: -60°C to + 240°C **Intermittent:** max. +250°C

EF382 - Gas Hose



Code	dash size	DN	Hose I.D. (Nom.)		Hose O.D. (Nom.)		Working Pressure		Min. Burst Pressure		Min. Bend Radius	
			inch	mm	inch	mm	psi	bar	psi	bar	mm	inch
			EF382-4	-4	6	1/4	6.4	0.45	11.5	5300	365	15900
EF382-5	-5	8	5/16	7.9	0.49	12.5	4560	315	13680	945	45	1.80
EF382-6	-6	10	3/8	9.5	0.57	14.6	4350	300	13050	900	65	2.60
EF382-8	-8	12	1/2	12.5	0.73	18.5	3840	265	11520	795	75	3.00
EF382-10	-10	16	5/8	15.9	0.85	21.6	3400	235	10200	705	115	4.60
EF382-12	-12	19	3/4	19.1	0.96	24.5	2900	200	8700	600	240	9.6
EF382-16	-16	25	1	25.0	1.20	30.5	2170	150	6510	450	320	12.80

Application:

Airless paint spray systems for 200 to 325 bar.
 Suitable for applications requiring chemical resistance to solvents and aggressive fluids. Specially suitable for moisture cure adhesives and two components chemicals transfer.

Application Standards:

Exitflex proprietary product.

Construction:

Core: P.T.F.E Core

Reinforcement: Blue colour, pin pricked Polyurethane and other colours on request

Temperature Standards:

-40°C to + 100°C Temp. not to exceed +70°C for Air and Water based fluids



EF341 - Paint Spray P.T.F.E.

code	Dash size	DN	Hose I.D. (Nom.)		Hose O.D. (Nom.)		Working Pressure		Min. Burst Pressure		Min. Bend Radius	
			inch	mm	inch	mm	psi	bar	psi	bar	mm	inch
EF341-4	-4	6	1/4	6.4	0.460	11.7	4700	325	18800	1300	70	2.80
EF341-6	-6	10	3/8	9.6	0.600	15.2	3600	250	14400	1000	100	4.0
EF341-8	-8	12	1/2	12.8	0.725	18.4	2900	200	11600	800	120	4.8

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