

INTRODUCTION

Exitflex USA, Inc., serving North America since 1985, offers a full range of thermoplastic, rubber and PTFE hoses. We are the exclusive North American branch of Exitflex SA, the leading Swiss manufacturer of tungsten carbide spray tips, surface treatment system components and accessories. Please browse each of our four online catalogs. Thank you for visiting our website:



Our full contact details are on the last page of this brochure

www.exitflexusa.com

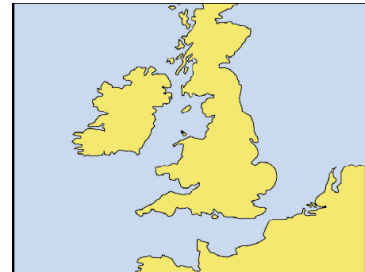
We manufacture



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:

MEDIUM Pressure Hydraulic Lines 40 to 260 bar and requiring compact outer diameter.

For use with petroleum, synthetic or water based fluids in Hydraulic systems. Suitable for Agricultural, Construction & Material handling equipment, machinery and systems.

Application Standards:

SAE J517 – 100R1 / EN 853 - 1SN
Exceeds SAE 100 R1

Construction:

Core: Oil and Water resistant Synthetic rubber

Reinforcement: Single steel wire braid

Cover: Black Colour, Synthetic rubber resistant to oil, weather and abrasion.

Temperature Standards:

Continuous: -40°C to + 100°C

Intermittent: max. +120°C



EF153 – R1AT / 1SN

part no.	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
			EF253-3	-3	5	3/16	4.8	0.47	12.0	3,800	260	15,200
EF253-4	-4	6	1/4	6.4	0.53	13.5	3,200	225	12,800	900	100	4.00
EF253-5	-5	8	5/16	8.0	0.60	15.2	3,000	215	12,000	860	115	4.60
EF253-6	-6	10	3/8	9.5	0.69	17.5	2,600	180	10,400	720	125	5.00
EF253-8	-8	12	1/2	12.7	0.80	20.2	2,300	160	9,200	640	180	7.20
EF253-10	-10	16	5/8	16.0	0.94	23.8	1,900	130	7,600	520	200	8.00
EF253-12	-12	19	3/4	19.0	1.10	27.9	1,500	105	6,000	420	240	9.60
EF253-16	-16	25	1	25.4	1.40	35.5	1,300	88	5,200	352	300	12.00
EF253-20	-20	32	1.1/4	31.8	1.75	44.4	900	63	3,600	252	420	16.80
EF253-24	-24	38	1.1/2	38.1	2.03	51.5	700	50	2,800	200	500	20.00
EF253-32	-32	50	2	50.9	2.55	64.8	600	40	2,400	160	630	25.20

Application:

MEDIUM Pressure Hydraulic Lines 80 to 415 bar and requiring compact outer diameter.
For use with petroleum, synthetic or water based fluids in Hydraulic systems. Suitable for Agricultural, Construction & Material handling equipment, machinery and systems.

Application Standards:

SAE J517 – 100R2 / EN 853 - 2SN
Exceeds SAE 100 R2

Construction:






Core: Oil and Water resistant Synthetic rubber
Reinforcement: Double steel wire braid
Cover: Black Colour, Synthetic rubber resistant to oil, weather and abrasion.

Temperature Standards:

Continuous: -40°C to + 100°C
Intermittent: max. +120°C



EF154 – R2AT / 2SN

part no.	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
EF254-3	-3	5	3/16	4.8	0.55	14.0	6,000	415	24,000	1,660	90	3.60
EF254-4	-4	6	1/4	6.4	0.60	15.3	5,800	400	23,200	1,600	100	4.00
EF254-5	-5	8	5/16	8.0	0.65	16.5	5,050	350	20,200	1,400	115	4.60
EF254-6	-6	10	3/8	9.5	0.75	19.1	4,800	330	19,200	1,320	130	5.20
EF254-8	-8	12	1/2	12.7	0.88	22.3	4,000	275	16,000	1,100	180	7.20
EF254-10	-10	16	5/8	16.0	1.00	25.5	3,600	250	14,400	1,000	200	8.00
EF254-12	-12	19	3/4	19.0	1.17	29.8	3,100	215	12,400	860	240	9.60
EF254-16	-16	25	1	25.4	1.50	38.0	2,400	165	9,600	660	300	12.00
EF254-20	-20	32	1.1/4	31.8	1.90	48.3	1,800	125	7,200	500	420	16.80
EF254-24	-24	38	1.1/2	38.1	2.15	54.5	1,300	90	5,200	360	500	20.00
EF254-32	-32	50	2	50.9	2.65	67.2	1,150	80	4,600	320	630	25.20

Application:

Low pressure and low impulse hydraulic lines 30 to 110 bar.
For use with petroleum, synthetic or water based fluids in Hydraulic systems. Suitable for Agricultural, Construction & Material handling equipment, machinery and systems.

Application Standards:

SAE J517 - 100 R3 / EN 854

Construction:

Core: Oil and Water resistant Synthetic rubber
Reinforcement: Double fibre braid
Cover: Black Colour, Synthetic rubber resistant to oil, weather and abrasion.

Temperature Standards:

Continuous: -40°C to + 100°C
Intermittent: max. +120°C



EF144 – SAE100R3

part no.	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
			EF144-3	-3	5	3/16	4.8	0.47	12.0	1,600	110	6,400
EF144-4	-4	6	1/4	6.4	0.53	13.5	1,300	90	5,200	360	75	3.00
EF144-5	-5	8	5/16	8.0	0.66	16.8	1,230	85	4,920	340	100	4.00
EF144-6	-6	10	3/8	9.5	0.73	18.5	1,160	80	4,640	320	100	4.00
EF144-8	-8	12	1/2	12.7	0.91	23.1	1,010	70	4,040	280	125	5.00
EF144-10	-10	16	5/8	16.0	1.04	26.3	870	60	3,480	240	140	5.60
EF144-12	-12	19	3/4	19.0	1.23	31.2	800	55	3,200	220	150	6.00
EF144-16	-16	25	1	25.4	1.46	37.0	580	40	2,320	160	200	8.00
EF144-20	-20	32	1.1/4	31.8	1.70	43.1	440	30	1,760	120	250	10.00

Application:

MEDIUM Pressure Hydraulic Lines 25 to 210 bar.
For use with petroleum, synthetic or water based fluids in Hydraulic systems. Can also be used in fuel oil, air and water. Suitable for Agricultural, Construction & Material handling equipment, machinery and systems.

Application Standards:

SAE J517 - 100 R5

Construction:






Core: Oil and Water resistant Synthetic rubber
Reinforcement: Single steel wire braid
Cover: Black Colour, single braid of textile fibre

Temperature Standards:

Continuous: -40°C to + 100°C
Intermittent: max. +120°C



EF146 – SAE100R5

part no.	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
EF146-4	-4	5	3/16	4.8	0.51	13.0	3,000	210	12,000	840	75	3.00
EF146-5	-5	6	1/4	6.4	0.58	14.7	3,000	210	12,000	840	85	3.40
EF146-6	-6	8	5/16	8.0	0.67	17.0	2,250	155	9,000	620	100	4.00
EF146-8	-8	10	13/32	10.5	0.76	19.2	2,000	140	8,000	560	115	4.60
EF146-10	-10	12	1/2	12.9	0.91	23.1	1,750	120	7,000	480	140	5.60
EF146-12	-12	16	5/8	16.0	1.06	27.0	1,500	105	6,000	420	165	6.60
EF146-16	-16	22	7/8	22.2	1.22	31.0	800	55	3,200	220	185	7.40
EF146-20	-20	30	1.1/8	28.6	1.49	37.8	650	45	2,600	180	230	9.20
EF146-24	-24	35	1.3/8	35.0	1.74	44.2	500	35	2,000	140	265	10.60
EF146-32	-32	45	1.13/16	46.2	2.20	55.9	350	25	1,400	100	335	13.40

Application:

Very low pressure and low impulse hydraulic lines 20 to 35 bar.
For use with petroleum, synthetic or water based fluids in Hydraulic systems. Suitable for Agricultural, Stationary equipment and hydraulic systems.

Application Standards:

SAE J517 - 100 R6 / EN 854

Construction:

Core: Oil and Water resistant Synthetic rubber
Reinforcement: Single fibre braid
Cover: Black Colour, Synthetic rubber resistant to oil, weather and abrasion.

Temperature Standards:

Continuous: -40°C to + 100°C
Intermittent: max. +120°C



EF147 – SAE100R6

part no.	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
			EF147-3	-3	5	3/16	4.8	0.44	11.1	510	35	2,040
EF147-4	-4	6	1/4	6.4	0.49	12.5	435	30	1,740	120	65	2.60
EF147-5	-5	8	5/16	8.0	0.55	14.0	435	30	1,740	120	75	3.00
EF147-6	-6	10	3/8	9.5	0.61	15.5	435	30	1,740	120	75	3.00
EF147-8	-8	12	1/2	12.7	0.78	19.8	435	30	1,740	120	100	4.00
EF147-10	-10	16	5/8	16.0	0.91	23.0	360	25	1,440	100	125	5.00
EF147-12	-12	19	3/4	19.0	1.04	26.5	300	21	1,200	84	150	6.00

Application:

HIGH temperature steam lines at constant pressure of 150 psi

Application Standards:

IS 10655 Type 2 / BS 5342

Construction:

Core: EPDM rubber resistant high temperature steam

Reinforcement: Single steel wire braid

Cover: Black Colour, Synthetic rubber resistant to oil, weather and abrasion.

Temperature Standards:

Up to +185°C



EF471 – Steam 1 W/B

part no.	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
			EF471-6	-6	10	3/8	9.6	0.78	19.9	150	10	1,500
EF471-8	-8	12	1/2	12.8	0.97	24.6	150	10	1,500	100	175	7.0
EF471-10	-10	16	5/8	16.1	1.10	27.9	150	10	1,500	100	200	8.0
EF471-12	-12	20	3/4	19.2	1.25	31.7	150	10	1,500	100	240	9.6
EF471-16	-16	25	1	25.5	1.50	38.1	150	10	1,500	100	300	12.0
EF471-20	-20	32	1.1/4	31.8	1.85	47.1	150	10	1,500	100	400	16.0
EF471-24	-24	38	1.1/2	38.1	2.10	53.4	150	10	1,500	100	500	20.0
EF471-32	-32	50	2	50.8	2.62	66.5	150	10	1,500	100	625	25.0

Application:

HIGH temperature steam lines at constant pressure of 250 psi

Application Standards:

IS 10655 Type 3 / BS 5342

Construction:

Core: EPDM rubber resistant high temperature steam

Reinforcement: Double steel wire braid

Cover: Black Colour, Synthetic rubber resistant to oil, weather and abrasion.

Temperature Standards:

Up to +205°C



EF472 – Steam 2 W/B

part no.	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
EF472-6	-6	10	3/8	9.6	0.85	21.7	250	17	2,500	170	125	5.0
EF472-8	-8	12	1/2	12.8	1.04	26.4	250	17	2,500	170	175	7.0
EF472-10	-10	16	5/8	16.1	1.16	29.5	250	17	2,500	170	200	8.0
EF472-12	-12	20	3/4	19.2	1.28	32.4	250	17	2,500	170	240	9.6
EF472-16	-16	25	1	25.5	1.55	39.3	250	17	2,500	170	300	12.0
EF472-20	-20	32	1.1/4	31.8	1.91	48.5	250	17	2,500	170	400	16.0
EF472-24	-24	38	1.1/2	38.1	2.17	55.1	250	17	2,500	170	500	20.0
EF472-32	-32	50	2	50.8	2.67	67.9	250	17	2,500	170	625	25.0

Application:

Cleaning lines for hobby and semi-professional machines. High flexibility for use with mineral, glycol, polyglycols oils, synthetic ester based oils, oil in water emulsion, water.

Application Standards:

EN 853 - 1SN

Construction:

Core: Oil and Water resistant Synthetic rubber

Reinforcement: Single steel wire braid

Cover: Synthetic rubber resistant to oil, weather and abrasion.

Colour: Blue/Grey

Temperature Standards:

Continuous: -40°C to + 100°C



EF521 – Jet Wash 1W/B

part no.	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
EF521-4	-4	6	1/4	6.4	0.528	13.4	3,260	225	13,050	900	100	4.0
EF521-5	-5	8	5/16	8.0	0.591	15.0	3,115	215	12,325	850	115	4.6
EF521-6	-6	10	3/8	9.5	0.685	17.4	2,610	180	10,440	720	125	5.0
EF521-8	-8	12	1/2	12.7	0.811	20.6	2,320	160	9,280	640	180	7.2

Application:

Cleaning lines for hobby and semi-professional machines. High flexibility for use with mineral, glycol, polyglycols oils, synthetic ester based oils, oil in water emulsion, water.

Application Standards:

EN 853 - 2SN

Construction:






Core: Oil and Water resistant Synthetic rubber
 Reinforcement: Double steel wire braid
 Cover: Synthetic rubber resistant to oil, weather and abrasion.
 Colour: Blue/Grey

Temperature Standards:

Continuous: -40°C to + 100°C



EF522 – Jet Wash 2W/B

part no.	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
EF522-4	-4	6	1/4	6.4	0.59	15.0	5,800	400	23,200	1,600	100	4.0
EF522-5	-5	8	5/16	7.9	0.64	16.6	5,075	350	20,300	1,400	115	4.6
EF522-6	-6	10	3/8	9.5	0.75	19.0	4,785	330	19,140	1,320	125	5.0
EF522-8	-8	12	1/2	12.7	0.87	22.2	3,985	275	15,940	1,100	180	7.2

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