

Euroflex SAE 100 R6 / EN 854 1TE Braided Hose

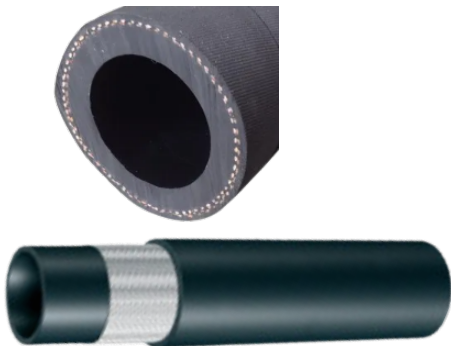
Key Features:

- * High flexibility
- * Wide range of fluid compatibility



Application & Fluids:

- * Hydraulics: low pressure lines, return lines
- * Mineral oils, vegetable and rape seed oils, glycol and polyglycol based oils, synthetic ester based oils, oils in aqueous emulsion, water



Continuous Service Temperature Range

-40°C, -40°F
 125°C, 257°F

Tube

Oil resistant synthetic rubber

Reinforcement

One high resistance textile braids

Cover

Weather resistant synthetic rubber

Applicable Specs

SAE 100 R6; EN 854 R6 / 1TE; ISO 4079 R6 / 1TE;
 Exceeds the performance of SAE 100 R6

HOSE SIZE			R.O.D.		O.D.		MAX W.P.		BURST		MIN.BEND		WEIGHT	
DN	dash	inch	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft
5	- 3	3/16"			11,0	0,43	35	500	140	2030	35	1,38	90	0,06
6	- 4	1/4"			12,6	0,50	30	430	120	1740	45	1,77	115	0,08
8	- 5	5/16"			14,1	0,56	30	430	120	1740	65	2,56	140	0,09
10	- 6	3/8"			15,8	0,62	30	430	120	1740	75	2,95	160	0,11
12	- 8	1/2"			19,4	0,76	30	430	120	1740	90	3,54	210	0,14
16	- 10	5/8"			23,0	0,91	30	430	120	1740	115	4,53	290	0,19
19	- 12	3/4"			26,0	1,02	30	430	120	1740	140	5,51	325	0,22
25	- 16	1"			32,0	1,26	30	430	120	1740	150	5,91	400	0,27

Euroflex EN 854 2TE Braided Hose

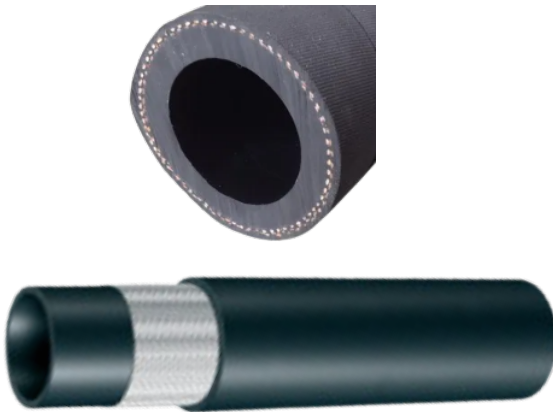
Key Features:

- * Wide range of fluid compatibility
- * High flexibility of hose structure



Application & Fluids:

- * Hydraulics: low pressure lines, return lines
- * Mineral oils, vegetable and rape seed oils, glycol and polyglycol based oils, synthetic ester based oils, oils in aqueous emulsion, water



Continuous Service Temperature Range

-40°C, -40°F
 125°C, 257°F

Tube

Oil resistant synthetic rubber

Reinforcement

One high resistance textile braids

Cover

Weather resistant synthetic rubber

Applicable Specs

EN 854 2TE, ISO 4079 2TE, Exceeds the performance of SAE 100 R6

Type Approvals

DNV-GL

HOSE SIZE			R.O.D.		O.D.		MAX W.P.		BURST		MIN.BEND		WEIGHT	
DN	dash	inch	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft
6	- 4	1/4"			13,0	0,51	75	1080	300	4350	40	1,57	125	0,08
8	- 5	5/16"			14,6	0,57	68	980	272	3940	50	1,97	150	0,10
10	- 6	3/8"			16,1	0,63	63	910	252	3650	60	2,36	180	0,12
12	- 8	1/2"			19,2	0,76	58	840	232	3360	70	2,76	220	0,15
16	- 10	5/8"			23,6	0,93	50	720	200	2900	90	3,54	290	0,19
19	- 12	3/4"			26,5	1,04	45	650	180	2610	110	4,33	360	0,24
25	- 16	1"			33,4	1,31	40	580	160	2320	130	5,12	440	0,30
31	- 20	1.1/4"			41,5	1,63	35	500	140	2030	140	5,51	650	0,44

Euroflex SAE 100 R3 / EN 854 3TE Braided Hose

Key Features:

- * Wide range of fluid compatibility
- * High flexibility of hose structure
- * Low bend radii and compactness
- * Exceeds performance of SAE 100 R3

Application & Fluids:

- * Hydraulics: low-medium pressure lines, return lines
- * Mineral oils, vegetable and rape seed oils, glycol and polyglycol based oils, synthetic ester based oils, oils in aqueous emulsion, water



Continuous Service Temperature Range

-40°C, -40°F
 125°C, 257°F

Tube

Oil resistant synthetic rubber

Reinforcement

Two high resistance textile braids

Cover

Weather resistant synthetic rubber

Applicable Specs

EN 854 3TE, ISO 4079 3TE, Exceeds the performance of SAE 100 R3

Type Approvals

DNV-GL

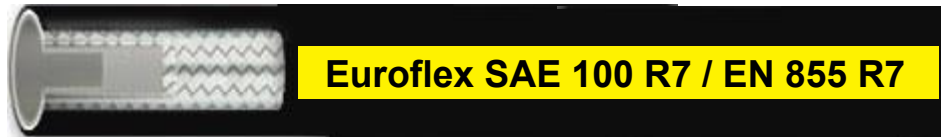


HOSE SIZE			R.O.D		O.D		MAX. W.P		BURST		MIN. BEND		WEIGHT	
DN	dash	inch	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft
6	-4	1/4"	-	-	14.2	0.56	145	2,100	580	8,410	45	1.77	150	0.10
8	-5	5/16"	-	-	16.6	0.65	130	1,880	520	7,540	55	2.17	210	0.14
10	-6	3/8"	-	-	18.2	0.72	110	1,590	440	6,380	70	2.76	230	0.15
12	-8	1/2"	-	-	21.5	0.85	93	1,340	372	5,390	85	3.35	290	0.19
16	-10	5/8"	-	-	25.6	1.01	80	1,160	320	4,640	105	4.13	395	0.27
19	-12	3/4"	-	-	28.8	1.13	70	1,010	280	4,060	130	5.12	455	0.31
25	-16	1"	-	-	35.4	1.39	55	790	220	3,190	150	5.91	580	0.39
31	-20	1.1/4"	-	-	42.5	1.67	45	650	180	2,610	190	7.48	740	0.50
38	-24	1.1/2"	-	-	49.4	1.94	40	580	160	2,320	240	9.45	920	0.62
51	-32	2"	-	-	62.2	2.45	33	470	132	1,910	300	11.81	1,140	0.77

Euroflex SAE 100 R7 / EN 855 R7 Braided Hose

Key Features:

- * High flexibility
- * Tight Bend Radius
- * Excellent abrasion resistance



Application & Fluids:

- * Hydraulics: medium pressure hydraulic applications, hoisting, hydraulic transmission
- * Mineral & biological oils, ASTM 1, ASTM 3, polyglycol based oils, water, water oil emulsions



Continuous Service Temperature Range

-40°F / 212°F
 -40°C / 100°C

Max. Operating Temperature

100°C, 212°F

Tube

Oil resistant thermoplastic elastomer

Reinforcement

Two polyester braids

Cover

Thermoplastic elastomer with high ozone and abrasion resistance

Applicable Specs

EN 855 R7; SAE 100 R7

Type Approvals

CU-TR

HOSE SIZE			R.O.D.		O.D.		MAX W.P.		BURST		MIN BEND		WEIGHT	
DN	dash	inch	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft
3	-2	1/8			8.1	0.320	210	3000	840	24000	25	1.0	57	0.04
5	-3	3/16			10.3	0.405	210	3000	840	20000	25	1.0	80	0.05
6	-4	1/4			12.4	0.490	190	2750	760	20000	32	1.3	114	0.08
8	-5	5/16			14.2	0.560	175	2500	700	17200	45	1.8	142	0.10
10	-6	3/8			15.7	0.620	155	2250	620	160000	55	2.2	164	0.11
12	-8	1/2			19.3	0.760	140	2050	560	14000	77	3.0	229	0.15
16	-10	5/8			23.1	0.910	105	1500	420	11600	110	4.3	295	0.20
20	-12	3/4			26.4	1.040	90	1300	360	9200	140	5.5	356	0.24
25	-16	1			33.3	1.310	70	1000	280	8000	200	8.0	504	0.34
32	-20	1-1/4			42.0	1.654	70	1000	280	6000	350	12.0	737	0.50

Euroflex SAE 100 R8 / EN 855 R8 Braided Hose

Key Features:

* High pressure hydraulic lines up to 420bar

* Suitable for hydraulic application with increased resistance to abrasion and low change in length

Application & Fluids:

* For use with petroleum, synthetic or water based fluids in hydraulic systems.

* Suitable for Agricultural machinery, Earthmoving, Telescopic booms, Material handling equipments and industrial gases.



Euroflex SAE 100R8 / EN855 R8

Continuous Service Temperature Range

-40°F / 212°F
 -40°C / 100°C (not to exceed 70°C for Air and water based fluids)

Max. Operating Temperature

100°C, 212°F

Tube

Oil resistant thermoplastic elastomer

Reinforcement

1 braid of aramid fibre

Cover

Thermoplastic elastomer with high ozone and abrasion resistance

Applicable Specs

SAE 100 R8 / EN 855 R8

Type Approvals

CU-TR



HOSE SIZE			R.O.D.		O.D.		MAX W.P.		BURST		MIN.BEND		WEIGHT	
DN	dash	inch	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft
3	-2	1/8			8.1	0.320	420	6000	1680	24000	25	1.0	57	0.04
5	-3	3/16			10.3	0.405	350	5000	1400	20000	25	1.0	87	0.06
6	-4	1/4			12.4	0.490	350	5000	1400	20000	32	1.3	118	0.08
8	-5	5/16			14.2	0.560	300	4300	1200	17200	45	1.8	147	0.10
10	-6	3/8			15.7	0.620	280	4000	1120	160000	55	2.2	170	0.11
12	-8	1/2			19.3	0.760	245	3500	980	14000	77	3.1	219	0.15
16	-10	5/8			23.1	0.910	200	2900	800	11600	110	4.4	295	0.20
20	-12	3/4			26.4	1.040	165	2300	660	9200	140	5.6	372	0.25
25	-16	1			33.3	1.310	140	2000	560	8000	200	8.0	511	0.34
32	-20	1-1/4			42.0	1.654	100	1500	400	6000	350	14.0	750	0.50