

## 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