

FLEXIT 1T 1SN

ONE WIRE BRAID HOSE

EN 853 1SN - EXCEEDS SAE 100 R1AT



A. Construction

- 1 - Synthetic rubber tube
- 2 - One high tensile steel wire braid
- 3 - Synthetic rubber cover, MSHA flame retardant approved

B. Application

Hydraulic oils, both mineral and biological
Polyglycol base oils, water / oil emulsions and water:


C. Temperature range

Hydraulic oils: -40°C to +100°C (-40°F to +212°F)
occasional peaks up to +125°C (+250°F)
Polyglycol base oils, water-oil emulsions and water:
up to +85°C (+185°F)

HOSE TYPE	Ø HOSE			REINFORCEMENT DIAMETER		OUTSIDE DIAMETER		WORKING PRESSURE		BURST PRESSURE		BEND RADIUS		WEIGHT	
	DN	INCH	SIZE	(MM)	(IN)	(MM)	(IN)	(BAR)	(PSI)	(BAR)	(PSI)	(MM)	(IN)	(KG/M)	(LB/FT)
1SN-04	6	1/4"	4	11.1	0.437	13.2	0.520	225	3250	900	13000	100	3.94	0.21	0.14
1SN-05	8	5/16"	5	12.7	0.500	14.5	0.571	215	3100	860	12400	115	4.53	0.24	0.16
1SN-06	10	3/8"	6	15.1	0.594	17.2	0.677	180	2600	720	10400	130	4.92	0.33	0.22
1SN-08	12	1/2"	8	18	0.709	20.4	0.803	160	2300	640	9200	180	7.09	0.41	0.28
1SN-10	16	5/8"	10	21.2	0.835	23.5	0.925	130	1900	520	7600	200	7.87	0.45	0.30
1SN-12	19	3/4"	12	25.2	0.992	27.5	1.083	105	1500	420	6000	240	9.45	0.58	0.39
1SN-16	25	1"	16	33.1	1.303	35.4	1.394	88	1250	352	5000	300	11.81	0.88	0.59
1SN-20	31	1.1/4"	20	40.2	1.583	43.5	1.713	63	920	252	3680	420	16.54	1.23	0.83
1SN-24	38	1.1/2"	24	46.7	1.839	50	1.969	50	725	200	2900	500	19.69	1.51	1.01
1SN-32	51	2"	32	60.2	2.370	63.6	2.504	40	580	160	2320	630	24.80	1.97	1.32

PRICES QUOTED ON REQUEST

COMPATIBILITY CHART BETWEEN THIS HOSE AND FITTINGS

FLEXIT 1SN	-04	-05	-06	-08	-10	-12	-16	-20	-24	-32
	NO- SKIVE: 2H131 FERRULE									

PL 2022