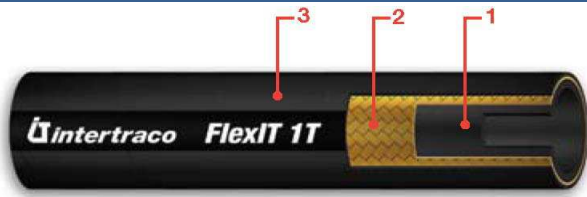


EN 853 1SN - EXCEEDS SAE 100 R1AT



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

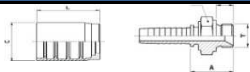
Hydraulic oils: -40°C to +100°C (-40°F to +212°F)
occasional peaks up to +125°C (+250°F)
Polyglycol base oils, water-oil emulsions and water:
up to +85°C (+185°F)

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	13.4	0.528	225	3265	900	13060	100	3.94	0.21	0.14
1SN-05	8	5/16"	5	12.7	0.500	15.0	0.591	215	2120	860	12480	115	4.53	0.24	0.16
1SN-06	10	3/8"	6	15.1	0.594	17.4	0.685	180	2610	720	10440	130	5.12	0.33	0.22
1SN-08	12	1/2"	8	18.3	0.720	20.6	0.811	160	2320	640	9280	180	7.09	0.41	0.28
1SN-10	16	5/8"	10	21.4	0.843	23.7	0.933	130	1885	520	7540	200	7.87	0.45	0.30
1SN-12	19	3/4"	12	25.4	1.000	27.7	1.091	105	1525	420	6100	240	9.45	0.58	0.39
1SN-16	25	1"	16	33.3	1.311	35.6	1.402	88	1275	352	5100	300	11.81	0.88	0.59
1SN-20	31	1.1/4"	20	40.5	1.594	43.5	1.713	63	915	252	3660	420	16.54	1.23	0.83
1SN-24	38	1.1/2"	24	46.8	1.843	50.6	1.992	50	725	200	2900	500	19.69	1.51	1.01
1SN-32	51	2"	32	60.2	2.370	64.0	2.520	40	580	160	2320	630	24.80	1.97	1.32

SIZE	PRICE PER MT	
1/4"	1SN / R1AT	5.71
3/8"	1SN / R1AT	6.17
1/2"	1SN / R1AT	7.69
5/8"	1SN / R1AT	10.02
3/4"	1SN / R1AT	10.52
1"	1SN / R1AT	13.72
1.1/4"	1SN / R1AT	21.12
1.1/2"	1SN / R1AT	27.57
2"	1SN / R1AT	40.69

ABOVE PRICES INDICATIVE ONLY - NETT PRICES QUOTED ON ALL HYDRAULIC HOSE

COMPATIBILITY CHART BETWEEN THIS HOSE AND FITTINGS

FLEXIT 1SN	-04	-05	-06	-08	-10	-12	-16	-20	-24	-32
	NO-SKIVE: B INSERT + 2H131 FERRULE									
	EXT-SKIVE: B INSERT + 3H131 FERRULE									