

Continuous service temperature range:
-40C° / +100C°

Max operating temperature: 121C°

Reinforcement: 1 high tensile steel braid (1WB)

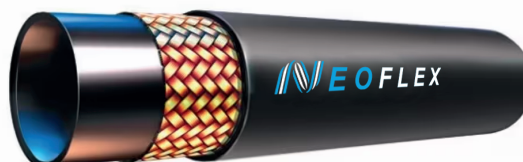
Cover: Environment resistant synthetic rubber

Tube: oil resistant synthetic rubber

Recommended fluids: Mineral oils, vegetable and rape seed oils, glycol and polyglycol based oils, synthetic ester based oils, oils in aqueous emulsion, water

Main applications: Low-medium pressure lines, return lines

Applications: EN 853 1SN - SAE 100 R1AT - ISO 1436-1 1SN /R1AT



Technical data

Part Number	Hose I.D.				Hose O. D.	Pressure Rating				Min. bend radius	Weight
						max. working pressure		min. burst pressure			
											
DN	Inch	Size	mm	mm	MPa	psi	MPa	psi	mm	kg	
1SN D06 1/4"	6	1/4	4	6.6	13.2	22.5	3250	90.00	13050	100	0.22
1SN D08 5/16"	8	5/16	5	8.2	14.8	21.5	3125	85.00	12320	114	0.27
1SN D10 3/8"	10	3/8	6	9.8	17.1	18.0	2600	72.00	10440	127	0.34
1SN D12 1/2"	12	1/2	8	13	20.1	16.0	2325	64.00	9280	178	0.41
1SN D16 5/8 "	16	5/8	10	16.3	23.3	13.0	1875	52.00	7540	200	0.51
1SN D19 3/4"	19	3/4	12	19	27.3	10.5	1525	42.00	6090	240	0.62
1SN D25 1"	25	1	16	25.4	35.1	8.8	1275	35.00	5070	300	0.93
1SN D32 1 1/4"	32	1 1/4	20	32	43.3	6.3	900	25.20	3620	420	1.25
1SN D38 1 1/2"	38	1 1/2	24	38	49.7	5.0	725	20.00	2900	500	1.6
1SN D51 2"	51	2	32	50.8	63.1	4.0	580	16.00	2320	630	2.2