

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

Max operating temperature: 121C°

Reinforcement: 1 high tensile steel braid

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 with pilot lines, installation constraints, return lines (suction lines)

Applications: EN 857 1SC and ISO 11237 1SC



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	
1SC D06 1/4"	6	1/4	4	6.6	12.0	225	3260	1050	15220	50	185
1SC D08 5/16"	8	5/16	5	8.2	13.6	215	3110	1000	14500	55	215
1SC D10 3/8"	10	3/8	6	9.8	15.5	180	2610	850	12320	60	265
1SC D12 1/2"	12	1/2	8	13	18.9	160	2320	660	9570	70	335
1SC D16 5/8 "	16	5/8	10	16.3	22.4	130	1880	620	8990	90	445
1SC D19 3/4"	19	3/4	12	19	25.9	105	1520	480	6960	100	540
1SC D25 1"	25	1	16	25.4	33.3	88	1270	400	5800	160	770
1SC D31 1 1/4"	31	1 1/4	20	32	40.9	63	910	400	5800	210	1080
1SC D38 1 1/2"	38	1 1/2	24	38	47.5	50	720	200	2900	300	1220
1SC D51 2"	51	2	32	50.8	60.5	40	580	160	2320	400	1630