

SAE 100R1AT DIN EN 853-1SN

An-flex

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**1SN DIN EN 853
SAE 100 R1AT**

Hose Size			I.D.	O.D.	Working Pressure		Minimum Burst Pressure		Minimum Bend Radius	Weight (Approx.)
DN	inch	dash	mm	mm	bar	psi	bar	psi	mm	kg/m
5	3/16	-3	4.8	11.8	250	3625	1000	14500	90	0.190
6	1/4	-4	6.4	13.4	225	3265	900	13060	100	0.230
8	5/16	-5	7.9	15.0	215	3120	850	12480	115	0.270
10	3/8	-6	9.5	17.4	180	2610	720	10440	130	0.345
12	1/2	-8	12.7	20.6	160	2320	640	9280	180	0.425
16	5/8	-10	15.9	23.7	130	1885	520	7540	200	0.510
19	3/4	-12	19.0	27.7	105	1525	420	6100	240	0.645
25	1	-16	25.4	35.6	88	1276	350	5104	300	0.945
31	1.1/4	-20	31.8	43.5	63	914	250	3656	420	1.295
38	1.1/2	-24	38.1	50.6	50	725	200	2900	500	1.590
51	2	-32	50.8	64.0	40	580	160	2320	630	2.120
64	2.1/2	-40	63.5	79.5	25	362	100	1450	762	2.570
76	3	-48	76.2	94.4	20	290	80	1160	915	2.745

- Low, medium pressure hose for hydraulic applications.
- Suitable for passage of mineral and vegetable oils, aqueous emulsions, water, air and inert gases.
- Working Temperature from -40 °C to +100 °C and up to +125 °C for short period.
- Cover: black, synthetic rubber resistant to oils, abrasion and weather conditions.
- Reinforcement: one high tensile steel braids.
- Tube: Synthetic rubber resistant to oils.