

SAE 100R1AT DIN EN 853-1SN



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

HOSE SIZE			1.D.	O.D.	OPERATION PRESSURE		TEST PRESSURE		BURST PRESSURE		BEND RADIUS	WEIGHT APPROX. RADIUS
DN	INCH	DASH	MM	MM	BAR	PSI	BAR	PSI	BAR	PSI	MM	KG/M
5	3/16	-3	4.8	11.8	250	3625	500	7250	1000	14500	90	0.190
6	1/4	-4	6.4	13.4	225	3265	450	6530	900	13060	100	0.230
8	5/16	-5	7.9	15.0	215	3120	430	6240	850	12480	115	0.270
10	3/8	-6	9.5	17.4	180	2610	360	5220	720	10440	130	0.345
12	1/2	-8	12.7	20.6	160	2320	320	4640	640	9280	180	0.425
16	5/8	-10	15.9	23.7	130	1885	260	3770	520	7540	200	0.510
19	3/4	-12	19.0	27.7	105	1525	210	3050	420	6100	240	0.645
25	1	-16	25.4	35.6	88	1276	175	2552	350	5104	300	0.945
31	1.1/4	-20	31.8	43.5	63	914	150	1828	250	3656	420	1.295
38	1.1/2	-24	38.1	50.6	50	725	100	1450	200	2900	500	1.590
51	2	-32	50.8	64.0	40	580	80	1160	160	2320	630	2.120

- Inner tube and cover in high quality synthetic rubber compounds.
- Reinforcement one braid consisting of hardened and tempered, surface protected steel wires.
- Cover particularly abrasion, weather and flame resistant.
- Temperature resistant from -40 °C to +100 °C and up to +125 °C for short periods.
- Used to transport mineral oil based hydraulic oil, oil and water emulsions and aqueous glycol solutions.

SAE 100R2AT DIN EN 853-2SN



**2SN DIN EN 853
SAE 100 R2AT**

HOSE SIZE			1.D.	O.D.	OPERATION PRESSURE		TEST PRESSURE		BURST PRESSURE		BEND RADIUS	WEIGHT APPROX. RADIUS
DN	INCH	DASH	MM	MM	BAR	PSI	BAR	PSI	BAR	PSI	MM	KG/M
5	3/16	-3	4.8	13.4	415	6000	830	12000	1650	24000	90	0.310
6	1/4	-4	6.4	15.0	400	5800	800	11600	1600	23200	100	0.385
8	5/16	-5	7.9	16.6	350	5075	700	10150	1400	20300	115	0.450
10	3/8	-6	9.5	19.0	330	4800	660	9600	1320	19200	130	0.555
12	1/2	-8	12.7	22.2	275	4000	550	8000	1100	16000	180	0.660
16	5/8	-10	15.9	25.4	250	3625	500	7250	1000	14500	200	0.795
19	3/4	-12	19.0	29.3	215	3100	430	6200	850	12400	240	0.955
25	1	-16	25.4	38.1	165	2400	325	4800	650	9600	300	1.370
31	1.1/4	-20	31.8	48.3	125	1800	250	3600	500	7200	420	2.025
38	1.1/2	-24	38.1	54.6	90	1300	180	2600	360	5200	500	2.750
51	2	-32	50.8	67.3	80	1160	160	2320	320	4640	630	3.480

- Inner tube and cover in high quality synthetic rubber compounds.
- Reinforcement one braid consisting of hardened and tempered, surface protected steel wires.
- Cover particularly abrasion, weather and flame resistant.
- Temperature resistant from -40 °C to +100 °C and up to +125 °C for short periods.
- Used to transport mineral oil based hydraulic oil, oil and water emulsions and aqueous glycol solutions.