

SAE 100R12



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HOSE SIZE			1.D.	O.D.	Max. W.P.		BURST PRESSURE		BEND RADIUS
DN	INCH	DASH	MM	MM	BAR	PSI	BAR	PSI	MM
10	3/8	-6	9.5	20.0	280	4060	1103	16000	127
12	1/2	-8	12.7	23.8	280	4060	1103	16000	178
20	3/4	-12	19.0	30.7	280	4060	1103	16000	241
25	1	-16	25.4	38.0	280	4060	1103	16000	305
32	1.1/4	-20	31.8	47.0	210	3045	827	12000	419
40	1.1/2	-24	38.1	53.5	175	2540	690	10000	508
50	2	-32	50.8	66.7	175	2540	690	10000	635

- Inner tube and cover in high quality synthetic rubber compounds.
- Reinforcement four spiral 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 100R3 DIN EN 854-R5



SAE 100R5

HOSE SIZE			1.D.	O.D.	OPERATION PRESSURE		BURST PRESSURE		BEND RADIUS	WEIGHT APPROX. RADIUS
DN	INCH	DASH	MM	MM	BAR	PSI	BAR	PSI	MM	KG/M
5	3/16	-4	4.8	13.2	210	3000	840	12180	76	0.263
6	1/4	-5	6.4	14.8	210	3000	840	12180	86	0.296
8	5/16	-6	7.9	17.2	157	2270	630	9130	102	0.363
10	13/32	-8	10.3	19.5	140	2030	560	8120	117	0.408
12	1/2	-10	12.7	23.4	122	1760	490	7100	140	0.567
16	5/8	-12	15.9	27.4	105	1520	420	6090	165	0.698
22	7/8	-16	22.2	31.4	56	810	224	3250	187	0.741
28	1.1/8	-20	28.6	38.1	43	625	175	2530	229	0.975
35	1.3/8	-24	34.9	44.3	35	500	140	2030	265	1.020
46	1.13/16	-32	46.0	56.0	24	350	98	1420	335	1430

- Inner tube oil resistance synthetic rubber.
- Reinforcement one braid consisting of hardened and tempered, surface protected steel wires.
- Cover textile braid.
- 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.