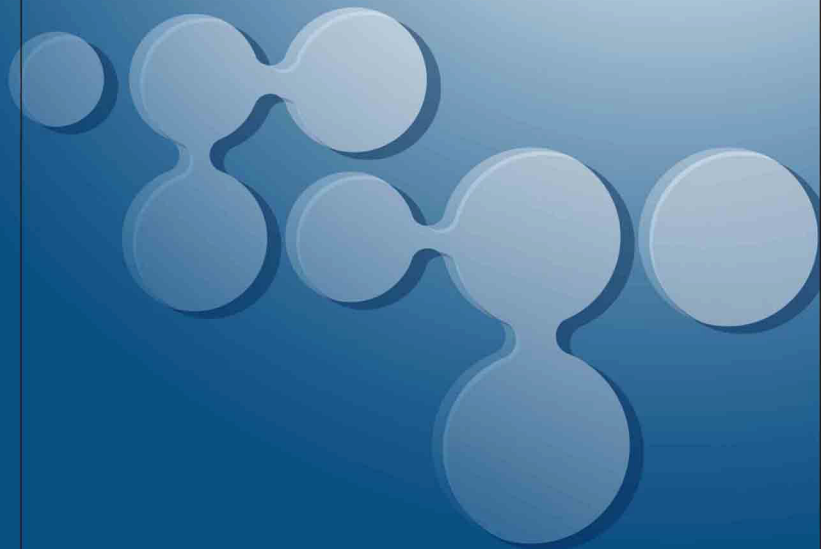




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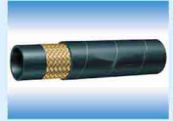
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H ydraulic Rubber Hoses

Wire Braid Hose

SAE 100R1AT / EN 853 DIN 1SN

Inner tube: oil resistant synthetic rubber
 Reinforcement: one steel wire braid
 Cover: oil and weather resistant synthetic rubber
 flame resistant cover is available upon request
 Working temperature: -40° F to 212° F(-40°C to 100°C)



Nominal Diameter		Diameter(mm)			Working Pressure		Burst Pressure		Minimum bend Radius(mm)
DN	Inch	Internal	Reinforcement	Outside	Bar	Psi	Bar	Psi	
5	3/16"	4.8	9.5	11.8	250	3600	1000	14600	90
6	1/4"	6.4	11.1	13.4	225	3250	900	13050	100
8	5/16"	7.9	12.7	15	215	3120	850	12320	115
10	3/8"	9.5	15.1	17.4	180	2610	720	10440	130
12	1/2"	12.7	18.3	20.6	160	2320	640	9280	180
16	5/8"	15.9	21.4	23.7	130	1885	520	7540	200
19	3/4"	19	25.4	27.7	105	1525	420	6000	240
25	1"	25.4	33.3	35.6	88	1275	350	5200	300
31	1-1/4"	31.8	40.5	43.5	63	915	250	3600	420
38	1-1/2"	38.1	46.8	50.6	50	725	200	2900	500
51	2"	50.8	60.2	64	40	580	160	2320	630

SAE 100R2AT / EN 853 DIN 2SN

Inner tube : oil resistant synthetic rubber
 Reinforcement: two steel wire braids
 Cover: oil and weather resistant sythetic rubber
 flame resistant cover is available upon request
 Working temperature: -40° F to 212° F(-40°C to 100°C)



Nominal Diameter		Diameter(mm)			Working Pressure		Burst Pressure		Minimum bend Radius(mm)
DN	Inch	Internal	Reinforcement	Outside	Bar	Psi	Bar	Psi	
5	3/16"	4.8	11.1	13.7	410	6000	1650	23950	90
6	1/4"	6.4	12.7	15	400	5800	1600	23200	100
8	5/16"	7.9	14.3	16.6	350	5075	1400	20300	115
10	3/8"	9.5	16.7	19	330	4785	1320	19140	130
12	1/2"	12.7	19.8	22.2	275	3990	1100	15960	180
16	5/8"	15.9	23	25.4	250	3625	1000	14500	200
19	3/4"	19	27	29.3	215	3120	850	12480	240
25	1"	25.4	34.9	38.1	165	2395	650	9570	300
31	1-1/4"	31.8	44.5	48.3	125	1810	500	7240	420
38	1-1/2"	38.1	50.8	55	90	1305	360	5220	500
51	2"	50.8	63.5	67	80	1160	320	4640	630