

ANHUI



Wire Braid Hydraulic Hose

SAE 100 R1AT / DIN EN 853 1SN STANDARD



SAE 100 R1 AT

Reinforcement : one high tensile steel wire braid

Cover : Abrasion and weather resistant synthetic rubber

Temperature range : -40 °C to +100 °C

DN	Hose I.D		Wire O.D	Hose O.D	Working Pressure		Burst Pressure		Minimum Bend Radius	Weight	Length
	inch	mm			MPa	psi	MPa	psi			
5	3/16	4.8	9.5	11.8	25	3630	100	14280	89	0.19	50/100
6	1/4	6.4	11.1	13.4	22.5	3270	90	12840	102	0.21	50/100
8	5/16	7.9	12.7	15	21.5	3120	85	12280	114	0.24	50/100
10	3/8	9.5	15.1	17.4	18	2615	72	10280	127	0.33	50/100
13	1/2	12.7	18.3	20.6	16	2320	64	9180	178	0.41	50/100
16	5/8	15.9	21.4	23.7	13	1890	52	7420	203	0.45	50/100
19	3/4	19	25.4	27.7	10.5	1530	42	6000	241	0.58	50/100
25	1	25.4	33.3	35.6	8.8	1280	35	5020	305	0.88	50
32	1 1/4	31.8	40.5	43.5	6.3	920	25	3600	419	1.23	20/40
38	1 1/2	38.1	46.8	50.6	5	730	20	2860	508	1.51	20/40
51	2	50.8	60.2	64	4	580	16	2280	635	1.97	20/40

Wire Braid Hydraulic Hose

SAE 100 R2 AT / DIN EN 853 2SN STANDARD



SAE 100 R2 AT

Reinforcement : two high tensile steel wire layers 2 w

Cover : Abrasion and weather resistant synthetic rubber

Temperature range : -40 °C to +100 °C

DN	Hose I.D		Wire O.D	Hose O.D	Working Pressure		Burst Pressure		Minimum Bend Radius	Weight
	inch	mm			MPa	psi	MPa	psi		
6	1/ 4	6.4	12.7	17.5	40	5800	160	22840	100	0.42
8	5/ 16	7.9	14.3	19.1	36	5250	140	20000	114	0.51
10	3/ 8	9.5	16.7	21.4	33.1	4800	132	18840	127	0.6
13	1/ 2	12.7	19.8	24.6	27.6	4000	110	15720	178	0.74
16	5/ 8	15.9	23	27.8	25	3630	100	14280	200	0.86
19	3/ 4	19	27	31.8	21.5	3120	85	12280	240	1.04
25	1	25.4	34.9	39.7	16.5	2400	65	9420	300	1.42
32	1 1/ 4	31.8	44.5	50.8	12.5	1820	50	7140	419	2.23
38	1 1/ 2	38.1	50.8	57.2	9	1310	36	5140	500	2.74