

FORCE

SAE 100R1 AT / DIN EN 853 1SN

Inner Tube: oil resistant synthetic rubber.

Reinforcement: one high tensile steel wire braid.

Cover: abrasion and weather resistant synthetic rubber.

Temperature: -40°C to +100 °C



Hose ID		Wire OD	Hose OD	working Pressure		Burst Pressure		Minimum Bend Radius	Weight
INCH	MM	MM	MM	BAR	Psi	BAR	Psi	MM	KG/M
3/16	4.8	9.5	11.8	250	3630	1000	14280	90	0.19
1/4	6.4	11.1	13.4	225	3270	900	12840	100	0.21
5/16	7.9	12.7	15.0	215	3120	900	12840	115	0.24
3/8	9.5	15.1	17.4	180	2610	720	10280	130	0.33
1/2	12.7	18.3	20.6	160	2320	640	9180	180	0.41
5/8	15.9	21.4	23.7	130	1890	520	7420	200	0.45
3/4	19.0	25.4	27.7	105	1530	420	6000	240	0.58
1	25.4	33.3	35.6	88	1280	350	5020	300	0.88
1.1/4	31.8	40.5	43.5	63	920	250	3600	420	1.23
1.1/2	38.1	46.8	50.6	50	730	200	2860	500	1.51
2	50.8	60.2	64	40	580	160	22280	630	1.97

FORCE

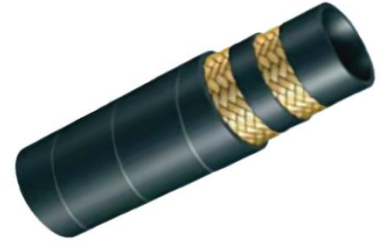
SAE 100R2 AT / DIN EN 853 2SN

Inner Tube: oil resistant synthetic rubber.

Reinforcement: two high tensile steel wire braid.

Cover: abrasion and weather resistant synthetic rubber.

Temperature: -40°C to +100 °C



Hose ID		Wire OD	Hose OD	working Pressure		Burst Pressure		Minimum Bend Radius	Weight
INCH	MM	MM	MM	BAR	Psi	BAR	Psi	MM	KG/M
3/16	4.8	11.1	13.4	414	6000	1650	23720	90	0.31
1/4	6.4	12.7	15.0	400	5800	1600	22840	100	0.33
5/16	7.9	14.3	16.6	360	5250	1400	20000	115	0.39
3/8	9.5	16.7	19.0	331	4800	1320	18840	130	0.5
1/2	12.7	19.8	22.2	276	4000	1100	15720	180	0.59
5/8	15.9	23.0	25.4	250	3630	1000	14280	200	0.71
3/4	19.0	27.0	29.3	215	3120	850	12280	240	0.86
1	25.4	34.9	38.0	165	2400	650	9420	300	1.28
1.1/4	31.8	44.5	48.3	125	1820	500	7140	420	2.02
1.1/2	38.1	50.8	54.6	90	1310	360	5140	500	2.23
2	50.8	63.5	67.3	80	1160	320	4560	630	2.85
2.1/2	63	76	80	50	825	200	2900		3.5
3	73	88	93	40	580	160	2320		4

FORCE

EN856 4SP.

Inner Tube: oil resistant synthetic rubber

Reinforcement: four spirals of high tensile steel wire.

Cover: abrasion and weather resistant synthetic rubber.

Temperature: -40°C to +100 °C



Hose ID		Wire OD	Hose OD	working Pressure		Burst Pressure		Minimum Bend Radius	Weight
INCH	MM	MM	MM	BAR	Psi	BAR	Psi	MM	KG/M
3/8	9.5	17.5	21.4	445	6450	1800	26000	180	0.78
1/2	12.7	20.2	24.0	415	6000	1660	24000	230	0.89
5/8	15.9	23.8	28.2	350	5000	1400	20000	250	1.11
3/4	19.0	28.2	32.2	350	5000	1400	20000	300	1.59
1	25.4	35.5	39.7	280	4000	1120	16000	340	2.02
1.1/4	31.8	46.0	50.8	210	3000	840	12000	460	3.32
1.1/2	38.1	52.4	57.7	185	2700	740	10800	560	3.7
2	50.8	65.3	69.6	165	2400	660	9600	660	5.47

FORCE

EN856 4SH

Inner Tube: oil resistant synthetic rubber.

Reinforcement: four spirals of high tensile steel wire.

Cover: abrasion and weather resistant synthetic rubber.

Temperature: -40°C to +100 °C



Hose ID		Wire OD	Hose OD	working Pressure		Burst Pressure		Minimum Bend Radius	Weight
INCH	MM	MM	MM	BAR	Psi	BAR	Psi	MM	KG/M
5/8	15.9	23.8	28.2	350	5000	1400	20000	250	1.11
3/4	19.0	28.4	32.0	420	6000	1680	24000	280	1.61
1	25.4	35.2	38.6	380	5500	1520	22000	340	2.0
1.1/4	31.8	41.9	45.8	325	4700	1300	18800	460	2.46
1.1/2	38.1	48.8	53.3	290	4200	1160	16800	560	3.35
2	50.8	63.2	68.1	250	3600	1000	14400	700	4.98

FORCE

SAE 100 R15

Inner Tube: oil resistant synthetic rubber.

Reinforcement: six spirals of high tensile steel wire.

Cover: abrasion and weather resistant synthetic rubber.

Temperature: -40°C to +100 °C



Hose ID		Hose OD		working Pressure		Burst Pressure		Minimum Bend Radius	Weight
INCH	MM	MM	BAR	Psi	BAR	Psi		MM	KG/M
1.1/4	32.0	51.5	414	6000	1655	24000		445	3.65
1.1/2	38.0	59.6	414	6000	1655	24000		533	5.00

R6 & MULTI PURPOSE OIL HOSE

Inner Tube: oil resistant synthetic rubber

Reinforcement: High-strength spiral textile cord with helix steel wire.

Cover: abrasion and weather resistant synthetic rubber.

Temperature: -40°C to +100°C



Hose ID		Hose OD		working Pressure	Burst Pressure		Minimum Bend Radius	Weight
INCH	MM	MM	BAR	Psi	BAR	PSI	MM	KG/M
1/4	6.4	12	28	400	110	1595	65	0.120
5/16	7.9	14	28	400	110	1595	75	0.135
3/8	9.5	15.9	28	400	110	1595	75	0.160
1/2	12.7	19	28	400	110	1595	100	0.230
5/8	15.9	22.5	25	350	100	1450	125	0.290
3/4	19	26	21	305	83	1204	140	0.380
7/8	22	31	19	275	76	1102	145	0.410
1	25.4	33	17	246	68	986	150	0.460
1.1/4	32	42	14	203	56	812	240	0.860
1.1/2	38	45	10.5	152	42	609	300	1.140
2	51	62	10	145	40	580	360	1.350