





SAE 100 R1AT/DIN EN 853 1SN STANDARD

Tube : Oil resistant synthetic rubber

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			Bar	psi	Bar	psi			
5	3/16	4.8	9.5	11.8	250	3630	1000	14280	89	0.19	50/100
6	1/4	6.4	11.1	13.4	225	3270	900	12840	102	0.21	50/100
8	5/16	7.9	12.7	15	215	3120	850	12280	114	0.24	50/100
10	3/8	9.5	15.1	17.4	180	2615	720	10280	127	0.33	50/100
13	1/2	12.7	18.3	20.6	160	2320	640	9180	178	0.41	50/100
16	5/8	15.9	21.4	23.7	130	1890	520	7420	203	0.45	50/100
19	3/4	19.0	25.4	27.7	105	1530	420	6000	241	0.58	50
25	1	25.4	33.3	35.6	88	1280	350	5020	305	0.88	50
32	1 1/4	31.8	40.5	43.5	63	920	250	3600	419	1.23	20
38	1 1/2	38.1	46.8	50.6	50	730	200	2860	508	1.51	20
51	2	50.8	60.2	64	40	580	160	2280	635	1.97	20

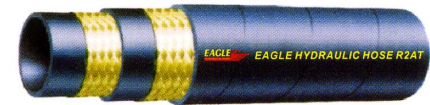
SAE 100 R2AT/DIN EN 853 2SN STANDARD

Tube : Oil resistant synthetic rubber

Reinforcement : two high tensile steel wire layers 2 w

Cover Compound : 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			Bar	psi	Bar	psi			
5	3/16	4.8	11.1	13.4	414	6000	1650	23720	89	0.32	50/100
6	1/4	6.4	12.7	15	400	5800	1600	22840	102	0.36	50/100
8	5/16	7.9	14.3	16.6	360	5250	1400	20000	114	0.45	50/100
10	3/8	9.5	16.7	19	331	4800	1320	18840	127	0.54	50/100
13	1/2	12.7	19.8	22.2	276	4000	1100	15720	178	0.68	50/100
16	5/8	15.9	23.0	25.4	250	3630	1000	14280	203	0.80	50/100
19	3/4	19.0	27.0	29.3	215	3120	850	12280	241	0.94	50
25	1	25.4	34.9	38	165	2400	650	9420	305	1.35	50
32	1 1/4	31.8	44.5	48.3	125	1820	500	7140	419	2.15	20
38	1 1/2	38.1	50.8	54.6	90	1310	360	5140	508	2.65	20
51	2	50.8	63.5	67.3	80	1160	320	4560	635	3.42	20



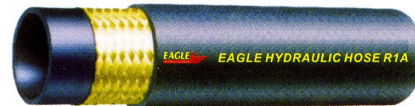
SAE 100 R1A/DIN EN 853 1ST STANDARD

Tube : Oil resistant synthetic rubber

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	mm	mm	Bar	psi	Bar	psi	mm	kg/m	metres
6	1/4	6.4	11.1	15.9	225	3270	900	12840	100	0.31	50/100
8	5/16	7.9	12.7	17.5	215	3120	850	12280	114	0.38	50/100
10	3/8	9.5	15.1	19.8	180	2615	720	10280	127	0.45	50/100
13	1/2	12.7	18.3	23.0	160	2320	640	9180	178	0.55	50/100
16	5/8	15.9	21.4	26.2	130	1890	520	7420	200	0.63	50/100
19	3/4	19.0	25.4	30.2	105	1530	420	6000	240	0.77	50
25	1	25.4	33.3	38.1	88	1280	350	5020	300	1.06	50
32	1 1/4	31.8	40.5	46.0	63	920	250	3600	419	1.45	20
38	1 1/2	38.1	46.8	52.4	50	730	200	2860	500	1.80	20
51	2	50.8	60.2	66.7	40	580	160	2280	630	2.30	20

SAE 100 R2A/DIN EN 853 2ST STANDARD

Tube : Oil resistant synthetic rubber

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	Length
	inch	mm	mm	mm	Bar	psi	Bar	psi	mm	kg/m	metres
6	1/4	6.4	12.7	17.5	400	5800	1600	22840	100	0.42	50/100
8	5/16	7.9	14.3	19.1	360	5250	1400	20000	114	0.51	50/100
10	3/8	9.5	16.7	21.4	331	4800	1320	18840	127	0.60	50/100
13	1/2	12.7	19.8	24.6	276	4000	1100	15720	178	0.74	50/100
16	5/8	15.9	23	27.8	250	3630	1000	14280	200	0.86	50/100
19	3/4	19.0	27	31.8	215	3120	850	12280	240	1.04	50
25	1	25.4	34.9	39.7	165	2400	650	9420	300	1.42	50
32	1 1/4	31.8	44.5	50.8	125	1820	500	7140	419	2.23	20
38	1 1/2	38.1	50.8	57.2	90	1310	360	5140	500	2.74	20
51	2	50.8	63.5	69.8	80	1160	320	4560	630	3.50	20



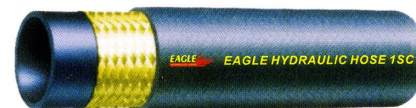
EN 857 1SC STANDARD

Tube : Oil resistant synthetic rubber

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		Hose O.D	Working Pressure		Burst Pressure		Minimum Bend Radius	Weight	Length
	inch	mm		Bar	psi	Bar	psi			
6	1/4	6.4	12.5	300	4350	1200	17400	75	0.14	50/100
8	5/16	7.9	14	275	3980	1100	15950	80	0.20	50/100
10	3/8	9.5	15.8	225	3263	900	13050	90	0.26	50/100
13	1/2	12.7	19.8	200	2900	800	11600	127	0.35	50/100
16	5/8	15.9	23	150	2175	600	8700	153	0.48	50/100
19	3/4	19.0	26.7	150	2175	600	8700	180	0.60	50
25	1	25.4	34.9	110	1595	450	6525	230	0.90	50

EN 857 2SC STANDARD

Tube : Oil resistant synthetic rubber

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		Hose O.D	Working Pressure		Burst Pressure		Minimum Bend Radius	Weight	Length
	inch	mm		Bar	psi	Bar	psi			
6	1/4	6.4	14.2	450	6525	1800	26100	75	0.28	50/100
8	5/16	7.9	16	400	5800	1600	23200	85	0.36	50/100
10	3/8	9.5	18.3	375	5438	1500	21750	90	0.41	50/100
13	1/2	12.7	21.5	310	4495	1240	17980	130	0.59	50/100
16	5/8	15.9	24.7	300	4350	1200	17400	170	0.63	50/100
19	3/4	19.0	28.6	287	4162	1150	16675	200	0.8	50
25	1	25.4	36.6	225	3263	900	13050	250	1.17	50



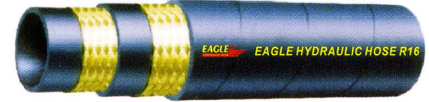
SAE 100 R16 STANDARD

Tube : Oil resistant synthetic rubber

Reinforcement : Two high tensile steel wire braid

Cover : Abrasion and weather resistant synthetic rubber

Temperature range : -40°C to +100°C



DN	Hose I.D		Hose O.D	Working Pressure		Burst Pressure		Minimum Bend Radius	Weight	Length
	inch	mm		Bar	psi	Bar	psi			
6	1/4	6.4	13.4	350	5000	1380	20000	50	0.27	50/100
8	5/16	7.9	15.0	297	4250	1170	17000	55	0.35	50/100
10	3/8	9.5	17.4	280	4000	1100	16000	65	0.42	50/100
13	1/2	12.7	20.6	245	3500	960	14000	90	0.52	50/100
16	5/8	15.9	23.8	192	2750	620	11000	100	0.63	50/100
19	3/4	19.0	27.8	157	2250	550	9000	120	0.81	50
25	1	25.4	35.9	140	2000	450	8000	150	1.17	50

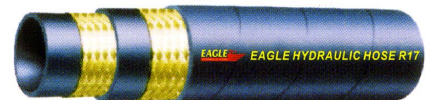
SAE 100 R17 STANDARD

Tube : Oil resistant synthetic rubber

Reinforcement : One or two high tensile steel wire braid

Cover : Abrasion and weather resistant synthetic rubber

Temperature range : -40°C to +100°C



DN	Hose I.D		Hose O.D	Working Pressure		Burst Pressure		Minimum Bend Radius	Weight	Length
	inch	mm		Bar	psi	Bar	psi			
6	1/4	6.4	12.5	210	3045	840	12180	50	0.19	50/100
8	5/16	7.9	14.3	210	3045	840	12180	55	0.22	50/100
10	3/8	9.5	16.5	210	3045	840	12180	65	0.27	50/100
13	1/2	12.7	19.7	210	3045	840	12180	90	0.46	50/100
16	5/8	15.9	24.0	210	3045	840	12180	105	0.57	50/100
19	3/4	19.0	28.0	210	3045	840	12180	125	0.78	50
25	1	25.4	36.2	210	3045	840	12180	150	1.40	50



SAE 100 R3 STANDARD

Tube : Oil resistant synthetic rubber

Reinforcement : two high tensile steel fibre braid (2T/B)

Cover Compound : Abrasion and weather resistant synthetic rubber

Temperature range : -40°C to +100°C



DN	Hose I.D		Hose O.D	Working Pressure		Burst Pressure		Minimum Bend Radius	Weight	Length
	inch	mm		Bar	psi	Bar	psi			
5	3/16	4.8	12.7	105	1520	420	6500	75	0.16	50/100
6	1/4	6.4	14.3	87	1350	348	5300	75	0.19	50/100
8	5/16	7.9	17.5	84	1300	336	5200	100	0.26	50/100
10	3/8	9.5	19	78	1200	312	4840	100	0.28	50/100
13	1/2	12.7	23.8	70	1080	280	4340	125	0.40	50/100
16	5/8	15.9	27	61	945	244	3780	140	0.55	50/100
19	3/4	19.0	31.8	52	800	208	3220	150	0.69	50
25	1	25.4	38	39	600	156	2420	205	0.82	50
32	1 1/4	31.8	44.4	26	40	104	1610	250	1.00	20

SAE 100 R6 STANDARD

Tube : Oil resistant synthetic rubber

Reinforcement : one high tensile steel fibre braid (1T/B)

Cover Compound : Abrasion and weather resistant synthetic rubber

Temperature range : -40°C.to +100°C



DN	Hose I.D		Hose O.D	Working Pressure		Burst Pressure		Minimum Bend Radius	Weight	Length
	inch	mm		Bar	psi	Bar	psi			
5	3/16	4.8	11.1	34	500	138	2000	50	0.11	50/100
6	1/4	6.4	12.7	28	400	110	1600	65	0.15	50/100
8	5/16	7.9	14.3	28	400	110	1600	75	0.16	50/100
10	3/8	9.5	15.9	28	400	110	1600	75	0.18	50/100
13	1/2	12.7	19.8	28	400	110	1600	100	0.26	50/100
16	5/8	15.9	23	24	350	97	1400	125	0.29	50/100
19	3/4	19.0	26.6	21	300	83	1200	150	0.40	50

SAE 100 R7/EN856 R7 STANDARD



Structure and capability : This kind of hose is made of Inner Tube (Nylon), reinforcement (High Flexibility Nylon or Thetmoplastic).

It is Lightweight, Flexibility, and the inner tube is vety smooth. With a few loss of Pressure, the hose resistance of the Medium flowing is small, and it also owns a fine performance of Anti-chemical and Impulse.

Application : Automobile, Engineering Machinery, Lathe,Agriculture Machine, Mining, Spurting the Oil Paint, Avigation&Spacefight, Cooling and other Hydraulic Control System.

SAE100 R7 /EN 855 R7

DN	Hose I.D		Hose O.D	Working Pressure		Burst Pressure		Minimum Bend Radius	Weight	Length
	inch	mm		Bar	psi	Bar	psi			
3	1/8	3.2	8.5	210	3000	820	12000	13	0.042	100
5	3/16	4.8	10.8	210	3000	820	12000	19	0.068	100
6	1/4	6.4	13	210	3000	820	12000	33	0.095	100
8	5/16	7.9	15.1	170	2500	690	10000	46	0.128	100
10	3/8	9.5	17	155	2250	620	9000	51	0.148	100
13	1/2	12.7	20.7	140	2000	550	8000	76	0.210	100
16	5/8	15.9	25.15	100	1500	416	6000	101	0.268	100
19	3/4	19.0	27.1	90	1250	340	5000	127	0.287	100
25	1	25.4	34	70	1000	270	4000	203	0.542	100

SAE100 R8 /EN 855 R8

DN	Hose I.D		Hose O.D	Working Pressure		Burst Pressure		Minimum Bend Radius	Weight	Length
	inch	mm		Bar	psi	Bar	psi			
5	3/16	4.8	13.1	345	5000	1380	20000	38	0.115	100
6	1/4	6.4	15.9	345	5000	1380	20000	51	0.176	100
10	3/8	9.5	19.4	276	4000	1103	16000	64	0.220	100
13	1/2	12.7	22.7	241	3000	965	14000	102	0.283	100

DIN EN856 4SP STANDARD

Tube : Oil resistant synthetic rubber

Reinforcement : four high tensile steel wire layers (4 W/S)

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	mm	mm	Bar	psi	Bar	psi	mm	kg/m	metres
10	3/8	9.5	17.5	21.4	445	6450	1800	26000	180	0.78	50
13	1/2	12.7	20.2	24	425	6165	1700	24000	230	0.89	50
16	5/8	15.9	23.8	28.2	350	5000	1400	20300	250	1.11	50
19	3/4	19	28.2	32.2	350	5000	1400	20300	300	1.59	50
25	1	25.4	35.5	39.7	320	4640	1280	18560	340	2.02	20
32	1 1/4	31.8	46	50.8	210	3000	840	12000	460	3.32	20
38	1 1/2	38.1	52.4	57.7	185	3650	740	10800	560	3.7	20
51	2	50.8	65.3	69.6	165	2360	660	9600	660	5.47	20

DIN EN856 4SH STANDARD

Tube : Oil resistant synthetic rubber

Reinforcement : four high tensile steel wire spiral layers (4 W/S)

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	mm	mm	Bar	psi	Bar	psi	mm	kg/m	metres
19	3/4	19	28.4	32.0	420	6000	1680	24000	280	1.61	50
25	1	25.4	35.2	38.6	380	5500	1520	22000	340	2.00	20
32	1 1/4	31.8	41.9	45.8	325	4700	1380	19000	460	2.46	20
38	1 1/2	38.1	48.8	53.3	290	4200	1160	16800	560	3.36	20
51	2	50.8	63.2	68.1	250	3600	1000	14400	700	4.98	20

SAE 100 R12 STANDARD

Tube : Oil resistant synthetic rubber

Reinforcement : four high tensile steel wire spiral layers (4 W/S)

Cover : abrasion and weather resistant synthetic rubber

Temperature range : -40°C to +120°C



DN	Hose I.D		Wire O.D	Hose O.D	Working Pressure		Burst Pressure		Minimum Bend Radius	Weight	Length
	inch	mm	mm	mm	Bar	psi	Bar	psi	mm	kg/m	metres
10	3/8	9.5	17.2	20.3	275	4000	1103	16000	125	0.62	50
13	1/2	12.7	20.7	23.8	275	4000	1103	16000	180	0.85	50
16	5/8	15.9	24.6	27.4	275	4000	1103	16000	200	1.29	50
19	3/4	19	27.7	30.7	275	4000	1103	16000	240	1.47	20
25	1	25.4	34.9	38	275	4000	1103	16000	300	2	20
32	1 1/4	31.8	43.9	47	207	3000	827	12000	420	2.86	20
38	1 1/2	38.1	50.4	53.5	172	2500	689	10000	500	3.24	20
51	2	50.8	63.7	66.7	172	2500	689	10000	630	4.8	20

SAE 100 R13 STANDARD

Tube : Oil resistant synthetic rubber

Reinforcement : four or six high tensile steel wire spiral layers (4 W/S 6 W/S)

Cover : abrasion and weather resistant synthetic rubber

Temperature range : -40°C to +120°C



DN	Hose I.D		Wire O.D	Hose O.D	Working Pressure		Burst Pressure		Minimum Bend Radius	Weight	Length
	inch	mm	mm	mm	Bar	psi	Bar	psi	mm	kg/m	metres
19	3/4	19	28.4	32.1	350	5075	1380	20000	240	1.68	20
25	1	25.4	35.2	38.7	350	5075	1380	20000	300	2.24	20
32	1 1/4	31.8	41.9	50.2	350	5075	1380	20000	420	3.9	20
38	1 1/2	38.1	48.8	57.7	350	5075	1380	20000	500	5.07	20
51	2	50.8	63.2	71.5	350	5075	1380	20000	630	7.91	20



SAE 100 R14 STANDARD

Tube: Sintered tube of polytetrafluoroethylene (P.T.F.E)

Reinforcement : Single braid of 304 series of stainless steel wire

Temperature Range: Continuous : -60°C to + 205°C; Intermittent : Max. + 220°C



DN	Hose I.D		Hose O.D	Working Pressure		Burst Pressure		Minimum Bend Radius	Length
	inch	mm		Bar	psi	Bar	psi		
6	1/4	6	9.4	180	2610	720	10440	75	100
8	5/16	8	11	175	2540	700	10160	100	100
10	3/8	9.5	11.7	165	2390	660	9560	125	50
12	1/2	12.5	15.4	120	1740	480	6960	165	50
16	5/8	16	18.4	88	1270	352	5080	200	30
19	3/4	19	22.1	70	1010	280	4040	230	30
23	7/8	22.2	26.1	60	870	240	3480	230	30
25	1	25	28.2	60	870	240	3480	300	30

SAE 100 R5 STANDARD

Tube : Oil resistant synthetic rubber

Reinforcement : Fibre inber braid + one high tensile steel wire braid (1T/BX1W/B)

Cover Compound : one Impregnated fibre braid (1 T/B)

Temperature range : -40°C to +100°C



DN	Hose I.D		Hose O.D	Working Pressure		Burst Pressure		Minimum Bend Radius	Weight	Length
	inch	mm		Bar	Psi	Bar	psi			
5	3/16	4.8	13.2	207	3000	827	12000	76	0.24	50/ 100
6	1/4	6.4	14.8	207	3000	827	12000	86	0.29	50/ 100
8	5/16	7.9	17.1	155	2250	621	9000	102	0.36	50
11	13/32	10.3	19.5	138	2000	552	8000	117	0.48	50
13	1/2	12.7	23.4	121	1750	483	7000	140	0.55	50
16	5/8	15.9	27.4	103	1500	414	6000	165	0.65	50
22	7/8	22.2	31.4	55	800	221	32000	187	0.69	20
28	1 1/8	28.6	38.1	43	625	172	25000	229	0.84	20
35	1 3/8	35.0	44.4	34	500	138	2000	267	1.03	20
46	1 13/16	46.0	56.4	24	350	96	14000	337	1.26	20
60	2 3/8	60.5	73.0	24	350	96	14000	610	2	20
75	3	75.5	90.5	14	200	56	800	840	3	20



Wire Braided Steam Hose

Construction : Made of excellent heat-resistant rubber, The reinforcement is braided with Copper facing wire.

Applications : For conveying saturated steam and superheated water continually at a temperature below 150°C or intermittently at a temperature below 160°C



W/B	Hose I.D		Hose O.D	Working Pressure		Burst Pressure		Minimum Bend Radius	Length
	DN	inch	mm	Bar	psi	Bar	psi	mm	metres
1W	10	3/8	21.5	10	150	40	570	130	50
	13	1/2	24.5	10	150	40	570	180	50
	16	5/8	27.5	10	150	40	570	205	50
	19	3/4	30.5	10	150	40	570	240	50
	22	7/8	33.5	10	150	40	570	280	50
	25	1	37.0	10	150	40	570	300	50
	32	1 1/4	44.0	10	150	40	570	420	20
	38	1 1/2	50.5	10	150	40	570	500	20
	45	1 3/4	57.5	10	150	40	570	500	20
	51	2	63.5	10	150	40	570	630	20
	64	2 1/2	77.5	10	150	40	570	700	20
2W	10	3/8	23.0	20	300	60	860	130	50
	13	1/2	26.0	20	300	60	860	180	50
	16	5/8	29.0	20	300	60	860	205	50
	19	3/4	32.0	20	300	60	860	240	50
	22	7/8	35.0	20	300	60	860	280	50
	25	1	38.5	20	300	60	860	300	50
	32	1 1/4	45.5	20	300	60	860	420	20
	38	1 1/2	52.0	20	300	60	860	500	20
	45	1 3/4	59.0	20	300	60	860	500	20
	51	2	65.0	20	300	60	860	630	20
	64	2 1/2	79.0	20	300	60	860	700	20



**AUTHORIZED
DISTRIBUTOR**