



SAE J517 100 R1AT/A

CONSTRUCTION:

This hose shall consist of an inner tube of oil resistant synthetic rubber, a single steel wire braid reinforcement, and an oil and weather resistant synthetic rubber cover.

APPLICATIONS:

This section covers hose for use with petroleum base hydraulic fluids within a temperature range of -40°C~+100°C.



SIZE		SAE	I. D		W. D		O. D			W. P		P. P		B. P		min B. R		W. T
mm	inch	Dash	Min	Max	Min	Max	Min	Max	Max	Mpa	Psi	Mpa	Psi	Mpa	Psi	inch	mm	Kg/m
5	3/16"	-3	4.6	5.4	8.9	10.1	11.9	13.5	12.5	21	3045	42	6090	84	12180	3.54	90	0.20
6.3	1/4"	-4	6.2	7	10.6	11.7	15.1	16.7	14.1	19.2	2780	38.5	5580	77	11165	3.94	100	0.25
8	5/16"	-5	7.7	8.5	12.1	13.3	16.7	18.3	15.7	17.5	2540	35	5075	70	10150	4.53	115	0.31
10	3/8"	-6	9.3	10.1	14.5	15.7	19	20.6	18.1	15.7	2280	31.5	4570	63	9135	4.92	125	0.36
13	1/2"	-8	12.3	13.5	17.5	19	22.2	23.8	21.5	14	2030	28	4060	56	8120	7.09	180	0.45
16	5/8"	-10	15.5	16.7	20.6	22.2	25.4	27	24.7	10.5	1520	21	3045	42	6090	8.07	205	0.52
19	3/4"	-12	18.6	19.8	24.6	26.2	29.4	31	28.6	8.7	1260	17.5	2540	35	5075	9.45	240	0.65
25	1"	-16	25	26.4	32.5	34.1	36.9	39.3	36.6	7	1015	14	2030	28	4060	11.81	300	0.91
32	1-1/4"	-20	31.4	33	39.3	41.7	44.4	47.6	44.8	4.3	620	8.7	1260	17.5	2540	16.54	420	1.30
38	1-1/2"	-24	37.7	39.3	45.6	48	50.8	54	52	3.5	510	7	1015	14	2030	19.69	500	1.70
51	2"	-32	50.4	52	58.7	61.9	65.1	68.3	65.9	2.6	380	5.2	750	10.5	1520	24.80	630	2.00



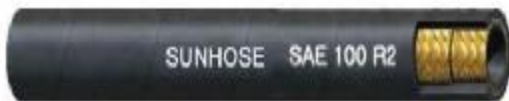
SAE J517 100 R2AT/A

CONSTRUCTION:

This hose shall consist of an inner tube of oil resistant synthetic rubber, two braids of steel wire reinforcement, and an oil and weather resistant synthetic rubber cover.

APPLICATIONS:

This section covers hose for use with petroleum base hydraulic fluids within a temperature range of -40°C~+100°C.



SIZE		SAE	I. D		W. D		O. D			W. P		P. P		B. P		min B. R		W. T
mm	inch	Dash	Min	Max	Min	Max	Min	Max	Max	Mpa	Psi	Mpa	Psi	Mpa	Psi	inch	mm	Kg/m
5	3/16"	-3	4.6	5.4	10.6	11.7	15.1	16.7	14.1	35	5075	70	10150	140	20300	3.54	90	0.32
6.3	1/4"	-4	6.2	7	12.1	13.3	16.7	18.3	15.7	35	5075	70	10150	140	20300	3.94	100	0.36
8	5/16"	-5	7.7	8.5	13.7	14.9	18.3	19.8	17.3	29.7	4310	59.5	8630	119	17255	4.53	115	0.45
10	3/8"	-6	9.3	10.1	16.1	17.3	20.6	22.2	19.7	28	4060	56	8120	112	16240	4.92	125	0.54
13	1/2"	-8	12.3	13.5	19	20.6	23.8	25.4	23.1	24.5	3550	49	7110	98	14210	7.09	180	0.68
16	5/8"	-10	15.5	16.7	22.2	23.8	27	28.6	26.3	19.2	2780	38.5	5580	77	11165	8.07	205	0.80
19	3/4"	-12	18.6	19.8	26.2	27.8	31	32.5	30.2	15.7	2280	31.5	4570	63	9135	9.45	240	0.94
25	1"	-16	25	26.4	34.1	35.7	38.5	40.9	38.9	14	2030	28	4060	56	8120	11.81	300	1.35
32	1-1/4"	-20	31.4	33	43.2	45.6	49.2	52.4	49.6	11.3	1640	22.7	3290	45.5	6600	16.54	420	2.15
38	1-1/2"	-24	37.7	39.3	49.6	52	55.6	58.7	56	8.7	1260	17.5	2540	35	5075	19.69	500	2.65
51	2"	-32	50.4	52	62.3	64.7	68.3	71.4	68.6	7.8	1130	15.7	2280	31.5	4570	24.80	630	3.42