



SAE J517 100 R3

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		O.D		W. P		P. P		B. P		min B.R		W.T
mm	inch	Dash	Min	Max	Min	Max	Mpa	Psi	Mpa	Psi	Mpa	Psi	inch	mm	Kg/m
5	3/16"	-3	4.5	5.4	11.9	13.5	10.5	1520	21	3050	42	6090	2.95	75	0.16
6.3	1/4"	-4	6.1	7	13.5	15.1	8.7	1260	17.5	2540	35	5075	2.95	75	0.18
8	5/16"	-5	7.6	8.5	16.7	18.3	8.4	1220	16.8	2440	33.5	4860	3.94	100	0.27
10	3/8"	-6	9.2	10.1	18.3	19.8	7.8	1130	15.7	2280	31.5	4570	3.94	100	0.31
13	1/2"	-8	12.4	13.5	23	24.6	7	1015	14	2030	28	4060	4.92	125	0.45
16	5/8"	-10	15.6	16.7	26.2	27.8	6.1	885	12.2	1770	24.5	3550	5.51	140	0.53
19	3/4"	-12	18.7	19.8	31	32.5	5.2	750	10.5	1520	21	3045	5.91	150	0.72
25	1"	-16	25.1	26.2	36.9	39.3	3.9	570	7.8	1130	15.7	2280	8.07	205	0.9
32	1-1/4"	-20	31.4	32.9	42.9	46	2.6	380	5.2	750	10.5	1520	9.84	250	1.07



SAE J517 100 R4

CONSTRUCTION:

This hose shall consist of an inner tube of oil resistant synthetic rubber, a reinforcement consisting of a ply or plies of woven or braided textile fibers with a suitable spiral of body steel wire, and an oil and weather resistant synthetic rubber cover.

APPLICATIONS:

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



SIZE		SAE	I.D		O.D	W. P		P. P		B. P		min B.R		W.T
mm	inch	Dash	Min	Max	Max	Mpa	Psi	Mpa	Psi	Mpa	Psi	inch	mm	Kg/m
19	3/4"	-12	18.2	19.8	34.9	2.1	305	4.2	610	8.4	1210	4.92	125	0.92
25	1"	-16	24.6	26.2	41.3	1.7	250	3.5	510	7	1015	5.91	150	1.10
32	1-1/4"	-20	30.6	33	50.8	1.4	200	2.8	410	5.6	810	7.87	200	1.30
38	1-1/2"	-24	36.9	39.3	57.2	1.05	150	2.1	305	4.2	610	10.04	255	1.80
51	2"	-32	49.2	52.4	69.9	0.7	100	1.4	200	2.8	410	11.81	300	2.23
63	2-1/2"	-40	61.9	65.1	82.6	0.4	60	0.85	120	1.7	250	13.98	355	3.23
76	3"	-48	74.6	77.8	95.3	0.4	60	0.8	120	1.6	230	18.11	460	4.25
89	3-1/2"	-56	87.3	90.5	107.9	0.3	40	0.6	90	1.25	180	20.87	530	5.05
102	4"	-64	100	103.2	120.7	0.25	40	0.5	70	1	145	24.02	610	5.60