



SAE J517 100 R5

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"	-4	4.8	5.5	12.7	13.7	21	3045	42	6090	84	12180	2.95	75	0.24
6.3	1/4"	-5	6.4	7.2	14.3	15.3	21	3045	42	6090	84	12180	3.35	85	0.28
8	5/16"	-6	7.9	8.7	16.7	17.6	15.7	2270	31.5	4570	63	9135	3.94	100	0.35
11	13/32"	-8	10.3	11.1	18.9	20	14	2030	28	4060	56	8120	4.53	115	0.38
13	1/2"	-10	12.7	13.7	22.8	24	12.2	1770	24.5	3550	49	7105	5.51	140	0.51
16	5/8"	-12	15.9	17	26.8	28	10.5	1520	21	3045	42	6090	6.5	165	0.68
22	7/8"	-16	22.2	23.3	30.6	32.2	5.6	810	11.2	1620	22.4	3250	7.28	185	0.7
29	1-1/8"	-20	28.6	29.8	37.3	38.9	4.3	620	8.7	1260	17.5	2540	9.06	230	0.8
35	1-3/8"	-24	34.9	36.1	43.7	45.2	3.5	510	7	1015	14	2030	10.43	265	0.93
46	1-13/16"	-32	46	47.2	55.2	57.6	2.4	350	4.9	700	9.8	1420	13.19	335	1.32
60	2-3/8"	-40	60.3	61.9	71.8	74.2	2.4	350	4.9	700	9.8	1420	24.02	610	2.96
76	3	-48	76.24	77.8	89.3	91.7	1.4	200	2.8	410	5.6	810	33.07	840	4.1



SAE J517 100 R6

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	10.3	11.9	3.5	510	7	1015	14	2030	1.97	50	1.10
6.3	1/4"	-4	6.1	7	11.9	13.5	2.8	410	5.6	810	11.2	1620	2.56	65	0.13
8	5/16"	-5	7.6	8.5	13.5	15.1	2.8	410	5.6	810	11.2	1620	2.95	75	0.15
10	3/8"	-6	9.2	10.1	15.1	16.7	2.8	410	5.6	810	11.2	1620	2.95	75	0.18
13	1/2"	-8	12.4	13.5	19	20.6	2.8	410	5.6	810	11.2	1620	3.94	100	0.26
16	5/8"	-10	15.6	16.7	22.2	23.8	2.4	350	4.9	710	9.8	1420	4.92	125	0.31
19	3/4"	-12	18.7	19.8	25.4	27.8	2.1	310	4.2	610	8.4	1220	5.91	150	0.40