



SAE J517 100 R16

CONSTRUCTION:

This hose shall consist of an inner tube of oil resistant synthetic rubber, steel wire reinforcement according to hose design (one or two braids), and an oil and weather resistant synthetic rubber cover. A ply or braid of suitable material may be used over the inner tube and/or over the wire reinforcement to anchor the synthetic rubber to the wire.

APPLICATIONS:

This section covers hose for use with petroleum base hydraulic fluids within a temperature range of -40°C ~ 121°C.



SIZE		SAE	I.D		W.D	O.D	M.D		W.P		P.P		B.P		min B.R		W.T
mm	inch	Dash	Min	Max	Max	Max	Min	Max	Mpa	Psi	Mpa	Psi	Mpa	Psi	inch	mm	Kg/m
6.3	1/4"	-4	6.2	7	12.3	14.5	0.8	1.5	35	5075	70	10150	140	20300	1.97	50.00	0.30
8	5/16"	-5	7.7	8.5	13.3	15.7	0.8	1.5	29.7	4305	59.5	8625	119	17255	2.17	55.00	0.34
10	3/8"	-6	9.3	10.1	15.9	18.8	0.8	1.5	28	4060	56	8120	112	16240	2.56	65.00	0.42
13	1/2"	-8	12.3	13.5	19	22	0.8	1.5	24.5	3550	49	7105	98	14210	3.54	90.00	0.54
16	5/8"	-10	15.5	16.7	22.5	25.4	0.8	1.5	19.2	2780	38.5	5580	77	11165	3.94	100.00	0.68
19	3/4"	-12	18.6	19.8	26.3	29	0.8	1.5	15.7	2275	31.5	4565	63	9135	4.72	120.00	0.80
25	1"	-16	25	26.4	34	36.6	0.8	1.5	14	2030	28	4060	56	8120	5.91	150.00	1.15
32	1-1/4"	-20	31.4	33	41.9	44.3	1	2	11.3	1635	22.7	3290	45.5	6595	8.27	210.00	1.83



SAE J517 100 R17

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APPLICATIONS:

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SIZE		SAE	I.D		W.D	O.D	W.P		P.P		B.P		min B.R		W.T
mm	inch	Dash	Min	Max	Max	Max	Mpa	Psi	Mpa	Psi	Mpa	Psi	inch	mm	Kg/m
6.3	1/4"	-4	6.2	7	11	13.2	21	3045	42	6090	84	12180	1.97	50	0.169
8	5/16"	-5	7.7	8.5	13	15	21	3045	42	6090	84	12180	2.17	55	0.21
10	3/8"	-6	9.3	10.1	15	17	21	3045	42	6090	84	12180	2.56	65	0.254
13	1/2"	-8	12.3	13.5	18.8	21.1	21	3045	42	6090	84	12180	3.54	90	0.466
16	5/8"	-10	15.5	16.7	23.6	25.9	21	3045	42	6090	84	12180	3.94	105	0.586
19	3/4"	-12	18.6	19.8	27.7	30.3	21	3045	42	6090	84	12180	4.72	125	0.749
25	1"	-16	25	26.4	35.6	38.6	21	3045	42	6090	84	12180	5.91	150	1.457