



SAE J517 100 R12

CONSTRUCTION:

This hose shall consist of an inner tube of oil resistant synthetic rubber, four spiral plies of steel wire wrapped in alternating directions, 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 $-40^{\circ}\text{C} \sim +121^{\circ}\text{C}$.



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	Mpa	Psi	Mpa	Psi	Mpa	Psi	inch	mm	Kg/m
10	3/8"	-6	9.3	10.1	16.6	17.8	19.5	21	28	4060	56	8120	112	16240	4.92	125.00	0.70
13	1/2"	-8	12.3	13.5	19.9	21.5	23	24.6	28	4060	56	8120	112	16240	7.09	180.00	0.83
16	5/8"	-10	15.5	16.7	23.8	25.4	26.6	28.2	28	4060	56	8120	112	16240	7.87	200.00	1.12
19	3/4"	-12	18.6	19.8	26.9	28.7	29.9	31.7	28	4060	56	8120	112	16240	9.45	240.00	1.43
25	1"	-16	25	26.4	34.1	36	36.8	39.4	28	4060	56	8120	112	16240	11.81	300.00	2.00
32	1-1/4"	-20	31.4	33	42.7	45.1	45.4	48.6	21	3045	42	6090	84	12180	16.54	420.00	2.80
38	1-1/2"	-24	37.7	39.3	49.2	51.6	51.9	55	17.5	2540	35	5075	70	10150	19.69	500.00	3.40
51	2"	-32	50.8	52	62.5	64.8	65.1	68.3	17.5	2540	35	5075	70	10150	25.2	640.00	4.25



SAE J517 100 R13

CONSTRUCTION:

This hose shall consist of an inner tube of oil resistant synthetic rubber, multiple spiral plies of heavy steel wire wrapped in alternating directions, and an oil and weather resistant synthetic rubber cover.

APPLICATION:

This section covers hose for use with petroleum base hydraulic fluids within a temperature range of $-40^{\circ}\text{C} \sim +121^{\circ}\text{C}$.



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	Mpa	Psi	Mpa	Psi	Mpa	Psi	inch	mm	Kg/m
19	3/4"	-12	18.6	19.8	28.2	29.8	31.0	33.2	35	5075	70	10150	140	20300	9.45	240.00	2.10
25	1"	-16	25.0	26.4	34.9	36.4	37.6	39.8	35	5075	70	10150	140	20300	11.81	300.00	2.88
32	1-1/4"	-20	31.4	33.0	45.6	48.0	48.3	51.3	35	5075	70	10150	140	20300	16.54	420.00	4.20
38	1-1/2"	-24	37.7	39.3	53.1	55.5	55.8	58.8	35	5075	70	10150	140	20300	19.69	500.00	5.00
51	2"	-32	50.4	52.0	66.9	69.3	69.5	72.7	35	5075	70	10150	140	20300	25.2	640.00	7.00