



## SAE J517 100 R7



### CONSTRUCTION:

This hose shall consist of a thermoplastic inner tube resistant to hydraulic fluids with suitable synthetic fiber reinforcement, and a hydraulic fluid and weather resistant thermoplastic cover.

### APPLICATIONS:

This section covers hose for use with petroleum base hydraulic fluids within a temperature range of  $-40^{\circ}\text{C} \sim +93^{\circ}\text{C}$ .

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
5	3/16"	-3	4.6	5.4	11.4	21	3045	42	6090	84	12180	3.54	90	0.073
6.3	1/4"	-4	6.2	7	13.7	19.2	2780	38.5	5580	77	11165	3.94	100	0.09
8	5/16"	-5	7.7	8.5	15.6	17.5	2535	35	5075	70	10150	4.53	115	0.128
10	3/8"	-6	9.3	10.3	18.4	15.7	2275	31.5	4565	63	9135	4.92	125	0.155
13	1/2"	-8	12.3	13.5	22.5	14	2030	28	4060	56	8120	7.09	180	0.224
16	5/8"	-10	15.5	16.7	25.8	10.5	1520	21	3045	42	6090	8.07	205	0.277
19	3/4"	-12	18.6	19.8	28.6	8.7	1260	17.5	2535	35	5075	9.45	240	0.33
25	1"	-16	25	26.4	36.7	7	1015	14	2030	28	4060	11.81	300	0.403



## SAE J517 100 R8



### CONSTRUCTION:

This hose shall consist of a thermoplastic inner tube resistant to hydraulic fluids with suitable synthetic fiber reinforcement, and a hydraulic fluid and weather resistant thermoplastic cover.

### APPLICATIONS:

This section covers hose for use with petroleum base hydraulic fluids within a temperature range of  $-40^{\circ}\text{C} \sim +93^{\circ}\text{C}$ .

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
5	3/16"	-3	4.6	5.4	14.6	35	5075	70	10150	140	20300	3.54	90	0.086
6.3	1/4"	-4	6.2	7	16.8	35	5075	70	10150	140	20300	3.94	100	0.097
10	3/8"	-6	9.3	10.3	20.3	28	4060	56	8120	112	16240	4.92	125	0.178
13	1/2"	-8	12.3	13.5	24.6	24.5	3550	49	7105	98	14210	7.09	180	0.216
16	5/8"	-10	15.5	16.7	29.8	19.2	2780	38.5	5580	77	11165	8.07	205	0.312
19	3/4"	-12	18.6	19.8	33	15.7	2275	31.5	4565	63	9135	9.45	240	0.36
25	1"	-16	25	26.4	38.6	14	2030	28	4060	56	8120	11.81	300	0.505