



## DIN EN 857 1SC

### CONSTRUCTION:

This hose shall consists 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  $-40^{\circ}\text{C} \sim +100^{\circ}\text{C}$ .



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	Max	Mpa	Psi	Mpa	Psi	Mpa	Psi	inch	mm	Kg/m
6.3	1/4"	-4	6.1	6.9	9.6	10.8	13.5	22.5	3260	45	6525	90	13050	2.95	75	0.20
8	5/16"	-5	7.7	8.5	10.9	12.1	14.5	21.5	3120	43	6235	86	12470	3.35	85	0.15
10	3/8"	-6	9.3	10.1	12.7	14.5	16.9	18	2610	36	5220	72	10440	3.54	90	0.19
12.5	1/2"	-8	12.3	13.5	15.9	18.1	20.4	16	2320	32	4640	64	9280	5.12	130	0.23
16	5/8"	-10	15.5	16.7	19.8	21	23	13	1885	26	3770	52	7540	5.91	150	0.29
19	3/4"	-12	18.6	19.8	23.2	24.4	26.7	10.5	1520	21	3045	42	6090	7.09	180	0.34
25	1"	-16	25	26.4	30.7	31.9	34.9	8.8	1280	17.6	2550	35.2	5100	9.06	230	0.49



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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	Min	Max	Max	Mpa	Psi	Mpa	Psi	Mpa	Psi	inch	mm	Kg/m
6.3	1/4"	-4	6.1	6.9	10.6	11.7	14.2	40	5800	80	11600	160	23200	2.95	75	0.30
8	5/16"	-5	7.7	8.5	12.1	13.3	16	35	5075	70	10150	140	20300	3.35	85	0.34
10	3/8"	-6	9.3	10.1	14.4	15.6	18.3	33	4785	66	9570	132	19140	3.54	90	0.42
12.5	1/2"	-8	12.3	13.5	17.5	19.1	21.5	27.5	3990	55	7975	110	15950	5.12	130	0.54
16	5/8"	-10	15.5	16.7	20.5	22.3	24.7	25	3625	50	7250	100	14500	6.69	170	0.68
19	3/4"	-12	18.6	19.8	24.6	26.4	28.6	21.5	3120	43	6235	86	12470	7.87	200	0.80
25	1"	-16	25	26.4	32.5	34.3	36.6	16.5	2390	33	4785	66	9570	9.84	250	1.15