

EN 853 1SN ISO 1436

HOSE SIZE		R.O.D.		O.D.		MAX W.P.		BURST PRESSURE		MIN. BEND RADIUS		WEIGHT	
DN	Inch	mm	Inch	mm	Inch	bar	psi	bar	psi	mm	Inch	G/m	lb/ft
5	3/16	9.5	0.37	11.5	0.45	250	3620	1000	14500	89	3.50	195	0.13
6	1/4	11.2	0.44	13.2	0.52	225	3260	900	13050	100	3.94	220	0.15
8	5/16	12.8	0.50	14.8	0.58	215	3110	850	12320	114	4.49	270	0.18
10	3/8	15.1	0.59	17.1	0.67	180	2610	720	10440	127	5.00	340	0.23
12	1/2	18.1	0.71	20.1	0.79	160	2320	640	9280	178	7.01	410	0.27
16	5/8	21.3	0.84	23.3	0.92	130	1880	520	7540	200	7.87	510	0.34
20	3/4	25.3	1.00	27.3	1.07	105	1520	420	6090	240	9.45	620	0.42
25	1	33.1	1.30	35.1	1.38	88	1270	350	5070	300	11.81	930	0.62
32	1.1/4	40.6	1.60	43.3	1.70	63	910	250	3620	419	16.50	1250	0.84
40	1.1/2	47.0	1.85	49.7	1.96	50	720	200	2900	500	19.69	1600	1.07
50	2	60.4	2.38	63.1	2.48	40	580	160	2320	630	24.80	2200	1.47
60	2.3/8	68.8	2.71	71.5	2.81	50	720	200	2900	650	25.59	2245	1.50

CONTINUOUS SERVICE TEMPERATURE RANGE : -40°F / +212°F, -40°C / +100°C

RECOMMENDED FLUIDS : Mineral oils, vegetable and rape seed oils, glycol and polyglycol based oils, synthetic ester based oils, oils in aqueous emulsion, water.

TUBE : Oil resistant synthetic rubber

REINFORCEMENT : One high tensile steel braid

COVER : Environment resistant synthetic rubber

APPLICABLE SPECS. : EN 853 1SN - SAE 100 R1AT-ISO 1436-1 1SN/R1 AT

EN 853 2SN ISO 1436

HOSE SIZE		R.O.D.		O.D.		MAX W.P.		BURST PRESSURE		MIN. BEND RADIUS		WEIGHT	
DN	Inch	mm	Inch	mm	Inch	bar	psi	bar	psi	mm	Inch	g/m	lb/ft
5	3/16	11.3	0.44	13.3	0.52	415	6010	1650	23920	89	3.50	315	0.21
6	1/4	12.7	0.50	14.7	0.58	400	5800	1600	23200	100	3.94	360	0.24
8	5/16	14.3	0.56	16.3	0.64	350	5070	1400	20300	114	4.49	400	0.27
10	3/8	16.7	0.66	18.7	0.74	330	4780	1320	19140	127	5.00	510	0.34
12	1/2	19.8	0.78	21.8	0.86	275	3980	1100	15950	178	7.01	620	0.42
16	5/8	23.0	0.91	25.0	0.98	250	3620	1000	14500	200	7.87	715	0.48
20	3/4	27.0	1.06	29.0	1.14	215	3110	860	12470	240	9.45	955	0.64
25	1	34.8	1.37	36.8	1.45	165	2390	650	9420	300	11.81	1320	0.88
32	1.1/4	44.3	1.74	47.0	1.85	125	1810	500	7250	419	16.50	1965	1.32
40	1.1/2	50.7	2.00	53.4	2.10	90	1300	360	5220	500	19.69	2265	1.52
50	2	63.5	2.50	66.2	2.61	80	1160	320	4640	630	24.80	3115	2.09
60	2.3/8	68.8	2.71	71.5	2.81	90	1300	360	5220	650	25.59	2660	1.78

CONTINUOUS SERVICE TEMPERATURE RANGE : -40°F / +212°F, -40°C / +100°C

RECOMMENDED FLUIDS : Mineral oils, vegetable and rape seed oils, glycol and polyglycol based oils, synthetic ester based oils, oils in aqueous emulsion, water.

TUBE : Oil resistant synthetic rubber.

REINFORCEMENT : Two high tensile steel braids.

COVER : Environment resistant synthetic rubber.

APPLICABLE SPECS. : EN 853 2SN - SAE 100 R2AT-ISO 1436-1 2SN/R2 AT