

SAE100 R1AT/EN 853 1SN

ONE LAYER STEEL WIRE REINFORCED, HYDRAULIC HOSE

INNER TUBE:oil resistant synthetic nitrile rubber

REINFORCEMENT:single layer of steel wire braided

COVER:Black, oil resistant, synthetic rubber.

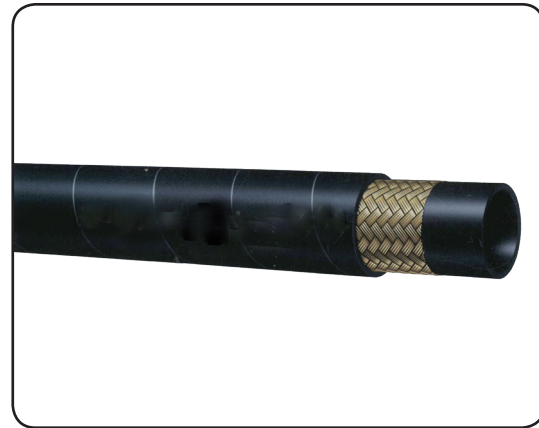
APPLICATION:

Medium pressure hydraulic lines. Meets or exceeds the requirements of SAE 100 R1 Type AT and performance requirements of EN 853 1SN.

Mine hydraulic support, oilfield extraction machinery, mine/ road/ construction machinery.

SURFACE:wrapped surface,smooth surface

TEMPERATURE RANGE:-40°C (-104 °F) to +100°C (+212 °F)



SAE 100 R1 AT

Item Code	Metric Size	Inch Size	SAE Dash size	I.D		REINFORCEMENT W.D		O.D	W.P		B.P	R	kg
				(mm)		(mm)		(mm)	Mpa	Psi	Mpa	mm	Kg/m
				Min	Max	Min	Max	Max	Mpa	Psi	Mpa	mm	Kg/m
R1-05	5.0	3/16"	03	4.6	5.4	8.9	10.1	12.5	21.0	3150	84.0	90	0.20
R1-06	6.3	1/4"	04	6.2	7.0	10.6	11.7	14.1	19.2	2880	77.0	100	0.25
R1-08	8.0	5/16"	05	7.7	8.5	12.1	13.3	15.7	17.5	2625	70.0	115	0.31
R1-10	10.0	3/8"	06	9.3	10.1	14.5	15.7	18.1	15.7	2355	63.0	125	0.36
R1-13	12.5	1/2"	08	12.3	13.5	17.5	19.0	21.5	14.0	2100	56.0	180	0.45
R1-16	16.0	5/8"	10	15.5	16.7	20.6	22.2	24.7	10.5	1575	42.0	205	0.52
R1-19	19.0	3/4"	12	18.6	19.8	24.6	26.2	28.6	8.7	1305	35.0	240	0.65
R1-25	25.0	1	16	25.0	26.4	32.5	34.1	36.6	7.0	1050	28.0	300	0.91
R1-32	31.5	1.1/4"	20	31.4	33.0	39.3	41.7	44.8	4.3	645	17.5	420	1.30
R1-38	38.0	1.1/2"	24	37.7	39.3	45.6	48.0	52.0	3.5	525	14.0	500	1.70
R1-51	51.0	2	30	50.4	52.0	58.7	61.7	65.9	2.6	390	10.5	630	2.00

EN 853 1SN

Item Code	Metric Size	Inch Size	SAE Dash size	I.D		REINFORCEMENT W.D		O.D	W.P		B.P	R	kg
				(mm)		(mm)		(mm)	Mpa	Psi	Mpa	mm	Kg/m
				Min	Max	Min	Max	Max	Mpa	Psi	Mpa	mm	Kg/m
1SN-05	5.0	3/16"	03	4.6	5.4	9.0	10.0	12.5	25.0	3750	100	90	0.20
1SN-06	6.3	1/4"	04	6.2	7.0	10.6	11.6	14.1	22.5	3375	90	100	0.25
1SN-08	8.0	5/16"	05	7.7	8.5	12.1	13.3	15.7	21.5	3225	85	115	0.31
1SN-10	10.0	3/8"	06	9.3	10.1	14.5	15.7	18.1	18.0	2700	72	130	0.36
1SN-13	12.5	1/2"	08	12.3	13.5	17.5	19.1	21.4	16.0	2400	64	180	0.45
1SN-16	16.0	5/8"	10	15.5	16.7	20.6	22.2	24.5	13.0	1950	52	200	0.52
1SN-19	19.0	3/4"	12	18.6	19.8	24.6	26.2	28.5	10.5	1575	42	240	0.65
1SN-25	25.0	1	16	25.0	26.4	32.5	34.1	36.6	8.8	1320	35	300	0.91
1SN-32	31.5	1.1/4"	20	31.4	33.0	39.3	41.7	44.8	6.3	945	25	420	1.30
1SN-38	38.0	1.1/2"	24	37.7	39.3	45.6	48.0	52.1	5.0	750	20	500	1.70
1SN-51	51.0	2	30	50.4	52.0	58.7	61.7	65.5	4.0	600	16	630	2.00