

SAE100 R2AT/EN 853 2SN

TWO LAYER STEEL WIRE REINFORCED, HYDRAULIC HOSE

INNER TUBE:oil resistant synthetic nitrile rubber

REINFORCEMENT:two layers of steel wire braided

COVER:oil and weather resistant synthetic rubber

APPLICATION:High-pressure hydraulic lines. Meets or exceeds the requirements of SAE 100R2AT performance requirements of EN853 2SN. For high pressure hydraulic systems in industry and agriculture.

SURFACE:wrapped surface,smooth surface

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



SAE 100 R2 AT

Item Code	Metric Size	Inch Size	SAE Dash size	I.D		REINFORCEMENT W.D		O.D	W.P		B.P	kg	
	mm	Inch		Min	Max	Min	Max	Max	Mpa	Psi	Mpa		mm
	Dash	Min	Max	Min	Max	Max	Mpa	Psi	Mpa	mm	Kg/m		
R2-05	5.0	3/16"	03	4.6	5.4	10.6	11.7	14.1	35.0	5250	140.0	90	0.32
R2-06	6.3	1/4"	04	6.2	7.0	12.1	13.3	15.7	35.0	5250	140.0	100	0.36
R2-08	8.0	5/16"	05	7.7	8.5	13.7	14.9	17.3	29.7	4455	119.0	115	0.45
R2-10	10.0	3/8"	06	9.3	10.1	16.1	17.3	19.7	28.0	4200	112.0	125	0.54
R2-13	12.5	1/2"	08	12.3	13.5	19.0	20.6	23.1	24.5	3675	98.0	180	0.68
R2-16	16.0	5/8"	10	15.5	16.7	22.2	23.8	26.3	19.2	2880	77.0	205	0.80
R2-19	19.0	3/4"	12	18.6	19.8	26.2	27.8	30.2	15.7	2355	63.0	240	0.94
R2-25	25.0	1	16	25.0	26.4	34.1	35.7	38.9	14.0	2100	56.0	300	1.35
R2-32	31.5	1.1/4"	20	31.4	33.0	43.2	45.6	49.6	11.3	1695	45.5	420	2.15
R2-38	38.0	1.1/2"	24	37.7	39.3	49.6	52.0	56.0	8.7	1305	43.5	500	2.65
R2-51	51.0	2	30	50.4	52.0	62.3	64.7	68.6	7.8	1170	31.5	630	3.42

EN 853 2SN

Item Code	Metric Size	Inch Size	SAE Dash size	I.D		REINFORCEMENT W.D		O.D	W.P		B.P	kg	
	mm	Inch		Min	Max	Min	Max	Max	Mpa	Psi	Mpa		mm
	Dash	Min	Max	Min	Max	Max	Mpa	Psi	Mpa	mm	Kg/m		
2SN-05	5.0	3/16"	03	4.6	5.4	10.6	11.6	14.1	41.5	6225	165	90	0.32
2SN-06	6.3	1/4"	04	6.2	7.0	12.1	13.3	15.7	40.0	6000	160	100	0.36
2SN-08	8.0	5/16"	05	7.7	8.5	13.7	14.9	17.3	35.0	5250	140	115	0.45
2SN-10	10.0	3/8"	06	9.3	10.1	16.1	17.3	19.7	33.0	4950	132	130	0.54
2SN-13	12.5	1/2"	08	12.3	13.5	19.0	20.6	23.0	27.5	4125	110	180	0.68
2SN-16	16.0	5/8"	10	15.5	16.7	22.2	23.8	26.2	25.0	3750	100	200	0.80
2SN-19	19.0	3/4"	12	18.6	19.8	26.2	27.8	30.1	21.5	3225	85	240	0.94
2SN-25	25.0	1	16	25.0	26.4	34.1	35.7	38.9	16.5	2475	65	300	1.35
2SN-31	31.5	1.1/4"	20	31.4	33.0	43.3	45.6	49.5	12.5	1875	50	420	2.15
2SN-38	38.0	1.1/2"	24	37.7	39.3	49.6	52.0	55.9	9.0	1350	36	500	2.65
2SN-51	51.0	2	30	50.4	52.0	62.3	64.7	68.6	8.0	1200	32	630	3.42