

SAE 100R2AT, EN853, DIN20022 2 Wire Hydraulic Hose



Application:

- Medium pressure hydraulic applications.

Specification:

- SAE100 R2AT, DIN 20022, EN853 - 2SN

Construction:

- Inner Tuber: Oil resistant synthetic rubber (SBR)
- Reinforcement: 2 single steel wire braids
- Outer cover: Oil & Weather resistant synthetic rubber

Recommended Fluids:

- Hose suitable for petroleum based hydraulic oil and water-glycol based fluids, air and water

100R2AT-04 - DIN 20022 - EN853 - SAE 100R2AT - 1/4" - 06MM - W.P. 400 BAR (B09) Ref. No.

^colour coding has now been phased in

**smooth cover available on requests

Working Temperature

-40°C to +100°C

Part Number	Size			i.d		Wire Dimension		OD 2SN	Working Pressure		Pulse Pressure		Burst Pressure		Bend Radius		Weight
	mm	inch	SAE	min	max	min	max	max	Mpa	psi	Mpa	psi	Mpa	psi	Inch	mm	Kg/mtr
100R2AT-04	6.3	1/4	-4	6.2	7.0	12.1	13.3	15.7	40	5800	80	11600	160	23200	3.94	100	0.36
100R2AT-05	8	5/16	-5	7.7	8.5	13.7	14.9	17.3	35	50.75	70	10150	140	20300	4.53	115	0.45
100R2AT-06	10	3/8	-6	9.3	10.1	16.1	17.3	19.7	33	4785	66	9570	132	19140	5.12	130	0.54
100R2AT-08	12.5	1/2	-8	12.3	13.5	19.0	20.6	23.0	27.5	3990	55	7975	110	15950	7.09	180	0.68
100R2AT-10	16	5/8	-10	15.5	16.7	22.2	23.8	26.2	25	3625	50	7250	100	14500	7.87	200	0.80
100R2AT-12	19	3/4	-12	18.6	19.8	26.2	27.8	30.1	21.5	3120	43	6235	85	12325	9.45	240	0.94
100R2AT-16	25	1	-16	25.0	26.4	34.1	35.7	38.9	16.5	2390	32.5	4710	65	9425	11.81	300	1.35
100R2AT-20	31.5	1.1/4	-20	31.4	33.0	43.3	45.7	49.5	12.5	1810	25	3625	50	7250	16.54	420	2.15
100R2AT-24	38	1.1/2	-24	37.7	39.3	49.6	52.0	55.9	9	1305	18	2310	36	5220	19.69	500	2.65
100R2AT-32	51	2	-32	50.4	52.0	62.3	64.7	68.6	8	1160	16	2320	32	4640	24.80	630	3.42