

# Discovery

Quality Rubber Hoses, Hydraulic Hoses and Industrial Hoses



## SAE 100 R1AT / EN 853 1SN

**TEMPERATURE RANGE :** -40°C (-40°F) to +120°C (+248°F)

**APPLICATION :** High pressure hydraulic oils, air and water

**TUBE :** Synthetic oil resistant rubber

**REINFORCEMENT :** 1 high tensile steel wire braid

**COVER :** Synthetic rubber - abrasion, ozone and weather resistant

**BRANDING :** Embossed tape with black text 'DISCOVERY SAE 100 R1AT / EN 853 1SN'

Part Number	Hose Size				Max Working Pressure		Minimum Burst Pressure		Minimum Bend Radius	
	dash	I.D.		O.D.	psi	bar	psi	bar	inch	mm
		inch	mm	mm						
R1T-04-D	-4	1/4	6.4	13.4	3265	225	13060	900	3.9	100
R1T-05-D	-5	5/16	7.9	15.0	3120	215	12480	850	4.5	105
R1T-06-D	-6	3/8	9.5	17.4	2610	180	10440	720	5.1	130
R1T-08-D	-8	1/2	12.7	20.3	2320	160	9280	640	7.1	180
R1T-10-D	-10	5/8	15.9	23.7	1890	130	7560	520	7.9	200
R1T-12-D	-12	3/4	19.0	27.7	1525	105	6100	420	9.5	240
R1T-16-D	-16	1	25.4	35.6	1275	88	5100	352	11.8	300
R1T-20-D	-20	1 1/4	31.8	43.0	915	63	3660	252	16.5	420
R1T-24-D	-24	1 1/2	38.1	50.4	725	50	2900	200	19.7	500
R1T-32-D	-32	2	50.8	63.5	580	40	2320	160	24.8	630
R1T-40-D	-40	2 1/2	63.5	79.5	362	40	1450	100	30.0	762
R1T-48-D	-48	3	76.2	94.4	290	20	1160	80	36.0	915

*Other size, pressure ratings and colours available on request*