



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
Impulse Cycles	: 150,000
Branding	: Red transfer tape with white text 'SUNFLEX SAE 100 R1AT / EN 853 1 SN'

Hose Size					Max Working Pressure		Minimum Burst Pressure		Minimum Bend Radius		Hose Weight
Part Number	dash	I.D.		O.D.							
		inch	mm	mm	psi	bar	psi	bar	inch	mm	m/kg
R1T-04	-4	1/4	6.4	13.4	3265	225	13060	900	3.9	100	0.225
R1T-05	-5	5/16	7.9	15.0	3120	215	12480	850	4.5	105	0.260
R1T-06	-6	3/8	9.5	17.4	2610	180	10440	720	5.1	130	0.340
R1T-08	-8	1/2	12.7	20.3	2320	160	9280	640	7.1	180	0.415
R1T-10	-10	5/8	15.9	23.7	1890	130	7560	520	7.9	200	0.480
R1T-12	-12	3/4	19.0	27.7	1525	105	6100	420	9.5	240	0.590
R1T-16	-16	1	25.4	35.6	1275	88	5100	352	11.8	300	0.885
R1T-20	-20	1-1/4	31.8	43.0	915	63	3660	252	16.5	420	1.225
R1T-24	-24	1-1/2	38.1	50.4	725	50	2900	200	19.7	500	1.415
R1T-32	-32	2	50.8	63.5	580	40	2320	160	24.8	630	1.930
R1T-40	-40	2-1/2	63.5	79.5	362	25	1450	100	30.0	762	
R1T-48	-48	3	76.2	94.4	290	20	1160	80	36.0	915	