

**R1AT**

EN 853 1SN - SAE 100 R1 AT - ISO 1436 - 1SN / R1AT



**USE**

Low-medium pressure lines, return lines

Cont. Service Temp. Range

**FLUIDS**

Mineral oils, vegetable and rape seed oils, glycol and polyglycol based oils, synthetic ester based oils, oils in aqueous emulsion, water

Max. Operating Temp. Range

+100°C

**CONSTRUCTION**

Tube consists of oil resistant synthetic rubber, 1 high tensile steel braid (1WB) reinforcement, and environment resistant synthetic rubber cover

**SAFETY FACTOR**

1 : 4

**BRAND**

HYDROFLEX

MSHA Approved

\*For Smooth Cover add "S" to Part no.

Part No.	Dash										
		DN		O.D.		W.P.		B.P		Bend Radius	Weight
		mm	inch	mm		bar	psi	bar	psi	mm	g/m
R1AT-03	-3	5	3/16"	11.1~12.1		250	3630	1000	14500	90	190
R1AT-04	-4	6.3	1/4"	12.7~13.7		225	3260	900	13050	100	230
R1AT-05	-5	8	5/16"	14.3~15.3		215	3120	860	12470	115	260
R1AT-06	-6	10	3/8"	16.7~17.7		180	2610	720	10440	130	330
R1AT-08	-8	12.5	1/2"	19.7~20.7		160	2320	640	9280	180	400
R1AT10	-10	16	5/8"	22.9~23.9		130	1890	520	7540	200	480
R1AT12	-12	19	3/4"	26.9~27.9		105	1520	420	6090	240	620
R1AT-16	-16	25	1"	34.6~35.6		87	1260	348	5046	300	910
R1AT-20	-20	31.5	1.1/4"	42.2~43.4		62	900	248	3596	420	1160
R1AT-24	-24	38	1.1/2"	49.4~50.6		50	730	200	2900	500	1400
R1AT-32	-32	51	2"	62.8~64.2		40	580	160	2320	630	1900
R1AT-40	-40	64	2.1/2"	74.8~76.0		30	440	120	1740	760	2170

LAYLINE DESIGN

