







PARKER HYDRAULIC HOSE: SAE 100R1AT & R2AT / EN 853-1SN & 2SN

Product code	Type description	 Ø (ID) hose diameter (MM) Inside			 Ø (OD) hose diameter (MM) outside			 Max. Working Pressure		 Burst Pressure		 Weight	 Minimum bend rad.
		Dash	Inch	DN	bar	psi	bar	psi	kg/mtr.	mm			
R1AT / 1SN													
SP.030200	651-08/421SN-8	8	1/2	12	20.7	160	2325	640	9300	0.43	180		
R2AT / 2SN													
SP.040160	652-06/301SN-6	6	3/8	10	19.0	330	4775	1320	19100	0.55	130		
SP.040200	652-08/301SN-8	8	1/2	12	22.2	275	4000	1100	16000	0.67	180		
SP.040240	652-10/301SN-10	10	5/8	16	25.4	250	3600	1000	14500	0.77	200		
SP.040320	652-16/301SN-16	16	1	25	38.1	165	2400	660	9600	1.49	300		
SP.040440	652-32/301SN-32	32	2	51	67.0	80	1150	320	4600	2.96	630		

Inner tube Nitrile (NBR)

Reinforcement 1SN/R1AT: 1 high tensile steel wire braid

Reinforcement 2SN/R2AT: 2 high tensile steel wire braid

Outer tube black wrapped, synthetic rubber

Safety factor 4 : 1 Working & Burst pressure is very superior comparing to only SAE100R1AT

Application: **Fluid:** mineral base hydraulic fluids, **Temperature:** -40 / +100 °C , for water base hydraulic fluids max. +70 °C, Air max. +70 °C

The combination of high temperature and high pressure could reduce the hose life

The information contained in this file has been carefully collected and checked however, we are not responsible for any adverse consequences resulting from incorrect information provided in this document.

Couplings: Use only inserts and ferrules from our series with product code HC