







HYDROPARTS HYDRAULIC HOSE: SAE 100R1AT / EN 853-1SN / FLAME RESISTANT MSHA IC-252/00

Product code	Type description	 \varnothing (ID) hose diameter (MM) Inside			 \varnothing (OD) hose diameter (MM) outside			 Max. Working Pressure		 Burst Pressure		 Weight	 Minimum bend rad.
		Dash	Inch	nominal DN mm	bar	psi	bar	psi	kg/mtr.	mm			
SB.020015	321031	3	3/16	5	11.4	250	3700	1000	14800	0.23	89		
SB.020035	321041	4	1/4	6	13.0	225	3300	900	13200	0.23	100		
SB.020055	321051	5	5/16	8	14.7	215	3200	850	12800	0,23	114		
SB.020075	321061	6	3/8	10	17.2	180	2700	720	10800	0.33	127		
	* Unavailable	8	1/2	12									
	# Unavailable	10	5/8	16									
SB.020110	321121	12	3/4	19	27.4	105	1525	420	6100	0.59	240		
SB.020135	321161	16	1	25	35.9	88	1300	350	5200	1	300		
SB.020150	321201	20	1 - 1/4	31		63	920	250	3680	1.30	419		
SB.020170	321241	24	1 - 1/2	38	50.8	50	730	200	2920	1.63	500		

* Unavailable, an alternative could be Parker brand or type DIN EN 857 1SC / # Unavailable, an alternative could be type DIN EN853 1SC

- Inner tube** seamless oil resistant synthetic rubber
- Reinforcement** 1 high tensile steel wire braid
- Outer tube** black wrapped, oil, weather & abrasion resistant synthetic rubber, U.S. MSHA approved
- Safety factor** 4 : 1 Working & Burst pressure is very superior comparing to only SAE100R1AT
- Application:** **Fluid:** petroleum base hydraulic fluids, **Temperature:** -40 / +100 °C intermitteret + 120 °C, for water base hydraulic fluids max. +70 °C, Air max. +60 °C

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