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

Product code	Type description	 $\varnothing$ ( ID ) hose diameter ( MM ) <b>Inside</b>			 $\varnothing$ ( OD ) hose diameter ( MM ) <b>outside</b>		 <b>Max. Working Pressure</b>		 <b>Burst Pressure</b>		 <b>Weight</b>	 Minimum <b>bend rad.</b>
		Dash	Inch	nominal DN	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	27.8	105	1600	420	6400	0.65	240	
SB.020135	321161	16	1	25	35.9	88	1300	350	5200	1	300	
SB.020150	321201	20	1 - 1/4	31	44.0	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