

Continental SR1SN 2320 PSI (16.0 MPa) SAE 100R1AT/1SN 1/2" (DN12)

SR1SN

SR1SN is made for medium-pressure hydraulic applications including mobile, machine tool and agricultural applications, using petroleum or water-based hydraulic fluids.

Performance + Specs

Meets or exceeds the performance requirements of:

- **SAE 100R1AT**

Meets Flame Resistance

- **USMSHA Designation**

Meets Higher

- **EN/DIN Pressures**

Inner Tube

Nitrile (NBR) Black

Reinforcement

One braid of high-tensile steel wire

Cover

CR (Polychloroprene) Black

Temperature Range

-40°F / -40°C ~ 212°F / 100°C

Key Features

4:1 Safety Factor

SAE J1942/ U.S. Coast Guard

Branding

Continental SR1SN-08 SAE 100R1AT / 1SN 1/2" (DN12) 2320 PSI (16 MPa) MSHA 2G-14C/12 Made in USA

SR1SN

Product Numbers

SAP	Product #	ID	ID		OD		Max Working Pressure		Bend Radius		MIN BURST Pressure		Fitting Type	Weight (lb/ft)
		Fraction	in.	mm.	in.	mm.	PSI	MPa	in.	mm.	PSI	Mpa		
20239993	SR1SN-03	3/16	0.19	4.80	0.47	11.90	3630	25	3.50	89.00	14520	100.10	UC	0.12
20240216	SR1SN-04	1/4	0.25	6.40	0.53	13.60	3270	22.5	4.00	102.00	13080	90.20	B2	0.15
20240217	SR1SN-05	5/16	0.31	7.90	0.59	15.10	3120	21.5	4.50	114.00	12480	86.00	B2	0.17
20240218	SR1SN-06	3/8	0.38	9.50	0.68	17.50	2615	18	5.00	127.00	10460	72.10	B2	0.22
20240219	SR1SN-08	1/2	0.50	12.70	0.81	20.70	2320	16	7.00	178.00	9280	64.00	B2	0.28
20240250	SR1SN-10	5/8	0.63	15.90	0.93	23.80	1890	13	8.00	203.00	7560	52.10	B2	0.33
20240251	SR1SN-12	3/4	0.75	19.00	1.09	27.80	1530	10.5	9.50	241.00	6120	42.20	B2	0.41
20240252	SR1SN-16	1	1.00	25.40	1.40	35.80	1280	8.8	12.00	305.00	5120	35.30	B2	0.62
20708462	SR1SN-20	1-1/4	1.25	31.80	1.69	43.10	920	6.3	16.50	419.00	3680	25.40	B2	0.84
20706727	SR1SN-24	1 1/2	1.50	38.10	1.97	50.10	730	5	20.00	508.00	2920	20.10	B2	1.05
20706728	SR1SN-32	2	2.00	50.80	2.50	63.60	580	4	25.00	635.00	2320	16.00	B2	1.48