

Desert® DR1SN

SAE 100R1AT/1SN | Medium Pressure

**Application**

Medium-pressure hydraulic oil lines used in mobile, machine tool and agricultural applications where higher temperature petroleum- or water-based hydraulic fluids are a factor.

Inner Tube

Black CPE

Reinforcement

One braid of high-tensile steel wire

Cover

Blue CPE

Temperature Range

-40°F to 302°F (-40°C to 150°C)

Fitting Reference

All fittings compatible with the DR1SN hose family are listed in Section 1 (starting on page 54) of the catalog.

Branding

Example: Continental ContiTech Desert® DR1SN-04 SAE 100R1AT/1SN (High temp) 1/4" (DN06) W.P. 3270 psi (22.5 MPa) MSHA 2G-IC-14C/42

Descriptive #/ Product #	SAP #	Hose Size ID		Hose OD		Max. Working Pressure		Min. Bend Radius		Min. Burst Pressure		Weight lbs./ft.	USCG Approved
		in.	DIN Dash Size	in.	mm	psi	MPa	in.	mm	psi	MPa		
DR1SN-04	20786856	1/4	06	0.52	13.1	3270	22.5	4.0	102	13080	90.2	0.15	H
DR1SN-06	20777151	3/8	10	0.67	17.1	2615	18.0	5.0	127	10460	72.1	0.22	H
DR1SN-08	20752562	1/2	12	0.80	20.3	2320	16.0	7.0	178	9280	64.0	0.28	H
DR1SN-10	20777159	5/8	16	0.92	23.4	1890	13.0	8.0	203	7560	52.1	0.33	H
DR1SN-12	20780193	3/4	19	1.08	27.4	1530	10.5	9.5	241	6120	42.2	0.41	H
DR1SN-16	20777155	1	25	1.39	35.3	1280	8.8	12.0	305	5120	35.3	0.62	H
DR1SN-20	20776244	1 1/4	31	1.70	43.1	920	6.3	16.5	419	3680	25.2	0.84	
DR1SN-24	20776245	1 1/2	38	1.97	50.1	730	5.0	20.0	508	2920	20.0	1.09	
DR1SN-32	20776246	2	51	2.50	63.6	580	4.0	25.0	635	2320	16.0	1.34	

SR2SN

SAE 100R2AT/2SN | High Pressure

**Application**

High-pressure hydraulic oil lines used in construction, machine tool and agricultural applications using petroleum- or water-based hydraulic fluids. Hose sizes 3/16" - 5/8" have a vacuum rating of 28 in Hg. Hose sizes 3/4" - 1" have a vacuum rating of 24 in Hg.

Inner Tube

Nitrile

Reinforcement

Two braids of high-tensile steel wire

Cover

Black polychloroprene

Temperature Range

-40°F to 212°F (-40°C to 100°C)

Fitting Reference

All fittings compatible with the SR2SN hose family are listed in Section 1 (starting on page 54) of the catalog.

Branding

Example: Continental ContiTech SR2SN-03 SAE 100R2AT/2SN 3/16" (DN05) W.P. 6000 psi (41.4 MPa) MSHA 2G-14C/12

Descriptive #/ Product #	SAP #	Hose Size ID		Hose OD		Max. Working Pressure		Min. Bend Radius		Min. Burst Pressure		Weight lbs./ft.	USCG Approved
		in.	DIN Dash Size	in.	mm	psi	MPa	in.	mm	psi	MPa		
SR2SN-03	20240253	3/16	05	0.48	12.3	6000	41.3	3.5	89	24000	165.2	0.20	
SR2SN-04	20240254	1/4	06	0.59	15.1	5800	40.0	4.0	102	23200	160.0	0.24	HF-A
SR2SN-06	20276604	3/8	10	0.75	19.1	4800	33.1	5.0	127	19200	132.4	0.34	H
SR2SN-08	20270619	1/2	12	0.88	22.2	4000	27.6	7.0	178	16000	110.3	0.43	HF-A
SR2SN-10	20240257	5/8	16	1.00	25.4	3630	25.0	8.0	203	14520	100.0	0.50	
SR2SN-12	20240258	3/4	19	1.16	29.4	3120	21.5	9.5	241	12480	86.0	0.61	HF-A
SR2SN-16	20240259	1	25	1.50	38.1	2400	16.5	12.0	305	9600	66.2	0.88	HF-A
SR2SN-20	20239362	1 1/4	31	1.86	47.2	1820	12.5	16.5	419	7280	50.2	1.53	H
SR2SN-24	20239363	1 1/2	38	2.11	54.1	1310	9.0	20.0	508	5240	36.1	1.64	H
SR2SN-32	20239364	2	51	2.62	66.7	1160	8.0	25.0	635	4640	32.0	2.02	H

- › Meets or exceeds the performance requirements of: SAE 100R1AT; and the working pressure requirements of EN 853 1SN.
- › High Temperature
- › Meets Higher EN/DIN Pressures
- › Meets Flame Resistance USMSHA Designation
- › SAE J1942/U.S. Coast Guard

- › Meets or exceeds the performance requirements of: SAE 100R2AT; EN 853 2SN.
- › Meets Flame Resistance USMSHA Designation
- › Meets Higher EN/DIN Pressures
- › ABS Type Approved 1/4" through 1"
- › SAE J1942/U.S. Coast Guard