

Desert® DR1SN

Desert® DR1SN is for 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.

Performance + Specs

Meets or exceeds the performance requirements of:

- **SAE 100R1AT**

Meets Flame Resistance:

- **USMSHA Designation**

Meets Higher: **EN/DIN Pressures**

Inner Tube

CPE (Chlorinated Polyethylene) Black

Reinforcement

One braid of high-tensile steel wire

Cover

CPE (Chlorinated Polyethylene) Blue

Temperature Range

-40°F / -40°C ~ 302°F / 150°C

Key Features

4:1 Safety Factor

High Temperature

SAE J1942/ U.S. Coast Guard

Branding

DESERT® 2.0 DR1SN-08 SAE 100R1AT / 1SN 1/2" (DN12) 4500 PSI 16 MPa 160 BAR MSHA 2G-1C-14C/37 MADE IN USA

Desert® DR1SN

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		
20786856	DR1SN-04	1/4	0.25	6.40	0.52	13.10	3270	22.55	4.00	102.00	13080	90.20	B2	0.15
20777151	DR1SN-06	3/8	0.38	9.50	0.67	17.10	2615	18.03	5.00	127.00	10460	72.10	B2	0.22
20752562	DR1SN-08	1/2	0.50	12.70	0.80	20.30	2320	16.00	7.00	178.00	9280	64.00	B2	0.28
20777159	DR1SN-10	5/8	0.63	15.90	0.92	23.40	1890	13.03	8.00	203.00	7560	52.10	B2	0.33
20780193	DR1SN-12	3/4	0.75	19.10	1.08	27.40	1530	10.55	9.50	241.00	6120	42.20	B2	0.41
20777155	DR1SN-16	1	1.00	25.40	1.39	35.30	1280	8.83	12.00	305.00	5120	35.30	B2	0.62
20776244	DR1SN-20	1-1/4	1.25	31.80	1.70	43.10	920	6.34	16.50	419.00	3680	25.40	B2	0.84
20776245	DR1SN-24	1-1/2	1.50	38.10	1.97	50.10	730	5.03	20.00	508.00	2920	20.10	B2	1.09
20776246	DR1SN-32	2	2.00	51.00	2.50	63.60	580	4.00	25.00	635.00	2320	16.00	B2	1.34