

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
EN 853 1SN

Meets flame resistance
USMSHA Designation

Meets higher
EN/DIN Pressures

Inner Tube

CPE (Chlorinated Polyethylene)

Reinforcement

One braid of high-tensile steel wire

Cover

Blue CPE (Chlorinated Polyethylene)

Temperature Range

-40 F to 302 F (-40 C to 150 C)

KEY FEATURES



Handles high temperature



SAE J1942/
U.S. Coast Guard



4:1 Safety Factor

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

#	SAP	Hose Size ID	Hose OD	Max. Working Pressure	Min. Bend Radius	Weight	Fitting			
Part Number	SAP Number	in.	in.	mm	psi	MPa	in.	mm	lbs./ft.	
DR1SN-04	20786856	1/4	0.52	13.1	3270	22.5	4.0	102	0.15	B2
DR1SN-06	20777151	3/8	0.67	17.1	2615	18.0	5.0	127	0.22	B2
DR1SN-08	20752562	1/2	0.80	20.3	2320	16.0	7.0	178	0.28	B2
DR1SN-10	20777159	5/8	0.92	23.4	1890	13.0	8.0	203	0.33	B2
DR1SN-12	20780193	3/4	1.08	27.4	1530	10.5	9.5	241	0.41	B2
DR1SN-16	20777155	1	1.39	35.3	1280	8.8	12.0	305	0.62	B2
DR1SN-20	20776244	1 ¼	1.70	43.1	920	6.3	16.5	419	0.84	B2
DR1SN-24	20776245	1 ½	1.97	50.1	730	5.0	20.0	508	1.09	B2
DR1SN-32	20776246	2	2.50	63.6	580	4.0	25.0	635	1.34	B2

HOSE



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Medium Pressure

Compatible Fittings

All fittings compatible with Desert DR1SN are listed in Section 1 (starting on page 131).