



HIGHER TEMPERATURES ARE NO SWEAT

DESERT HIGH TEMPERATURE

	Page	Construction	Inner Tube	Working Pressure (psi)	Temperature Range	Fitting Series	Approvals	Packaging
DR1SN	48	Wire braid	Chlorinated Polyethylene	580-5075	-40°F to 302°F	B2	MSHA, SAE 100R1AT, USCG	04-16: 250' Reel 20-32: 100' Coil
DR2SN	49	Wire braid	Chlorinated Polyethylene	1160-5800	-40°F to 302°F	B2	MSHA, SAE 100R2AT, EN 853 2SN, USCG	04-16: 250' Reel; 50' Box 20-32: 50' or 100' Coil
DR16SC	50	Wire braid	Chlorinated Polyethylene	3000-5075	-40°F to 302°F	B2	MSHA, SAE 100R16, EN 857 2SC, USCG	250' Reel
DR5	51	Wire braid	Chlorinated Polyethylene	350-3000	-40°F to 302°F Hydraulic	UC, FG	SAE 100R5, SAE J1402, DOT FMVSS 106	04-20: 250' Reel; 50' Box 20-32: 131' Coil
DUT	52	Wire braid	Chlorinated Polyethylene	300-2000	-40°F to 200°F General Air	UT	SAE J1402, DOT FMVSS 106	250' Reel; 50' Box
HR6	53	Textile braid	Nitrile	300-400	-40°F to 275°F	UC	SAE 100R6, EN 854 R6	500' Reel; 50' Box

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									
Part Number	SAP Number	Hose Size ID	Hose OD		Max. Working Pressure	Min. Bend Radius	Weight	Fitting		
		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



Desert® DR1SN

Medium Pressure

Compatible Fittings

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

Desert® DR2SN

Desert® DR2SN is for high-pressure hydraulic oil lines used in construction, 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 100R2AT
EN 853 2SN

Meets flame resistance
USMSHA Designation

Meets higher
EN/DIN Pressures

Inner Tube

CPE (Chlorinated Polyethylene)

Reinforcement

Two braids 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 DR2SN-08

SAE 100R2AT
1/2" (DN12)

4000 PSI

27.6 MPa
275.8 BAR

MSHA 2G-1C-14C/37

MADE
IN USA

#	SAP									
Part Number	SAP Number	Hose Size ID	Hose OD		Max. Working Pressure		Min. Bend Radius		Weight	Fitting
		in.	in.	mm	psi	MPa	in.	mm	lbs./ft.	
DR2SN-04	20698338	1/4	0.59	15.1	5800	40.0	4.0	102	0.24	B2
DR2SN-06	20698339	3/8	0.75	19.1	4800	33.1	5.0	127	0.34	B2
DR2SN-08	20698620	1/2	0.88	22.2	4000	27.6	7.0	178	0.43	B2
DR2SN-10	20698621	5/8	1.00	25.4	3630	25.0	8.0	203	0.50	B2
DR2SN-12	20698622	3/4	1.16	29.4	3120	21.5	9.5	241	0.61	B2
DR2SN-16	20698623	1	1.50	38.1	2400	16.5	12.0	305	0.88	B2
DR2SN-20	20732342	1 ¼	1.88	47.7	1820	12.5	16.5	419	1.52	B2
DR2SN-24	20732343	1 ½	2.13	54.1	1310	9.0	20.0	508	1.64	B2
DR2SN-32	20732344	2	2.63	66.7	1160	8.0	25.0	635	2.02	B2

Desert® DR2SN
High Pressure

Compatible Fittings

All fittings compatible with Desert® DR2SN are listed in Section 1 (starting on page 131).

HOSE



Desert® DR16SC

Desert® DR16SC is for high-pressure service with tight bends using petroleum- and water-based hydraulic fluids. It is meant for high temperature applications.



PERFORMANCE + SPECS

Meets or exceeds the performance requirements of:

SAE 100R16
EN 857 2SC

Meets flame resistance
USMSHA Designation

Meets higher
EN/DIN Pressures

Inner Tube

CPE (Chlorinated Polyethylene)

Reinforcement

Two braids 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
-  Made for tight bends
-  SAE J1942/
U.S. Coast Guard
-  4:1 Safety Factor

BRANDING



DESERT® 2.0 DR16SC-08

SAE 100R16
1/2" (DN12)

4500 PSI 34.5 MPa
34.7 BAR

MSHA 2G-1C-14C/42

MADE
IN USA

#	SAP								
Part Number	SAP Number	Hose Size ID	Hose OD		Max. Working Pressure	Min. Bend Radius	Weight		Fitting
		in.	in.	mm	psi	MPa	in.	mm	lbs./ft.
DR16-04*	20778355	1/4	0.54	18.8	5075	35.0	2.0	50.8	0.23
DR16SC-06	20755831	3/8	0.70	17.8	5000	34.5	2.5	63.5	0.33
DR16SC-08	20755835	1/2	0.82	20.9	4500	30.1	3.5	88.9	0.43
DR16SC-10	20961024	5/8	0.95	24.4	4000	27.6	4.0	102.0	0.41
DR16SC-12	20755850	3/4	1.10	28.0	3500	24.1	5.0	127.0	0.61
DR16SC-16	20776987	1	1.42	35.9	3000	20.6	6.0	152.4	0.94

*DR16-04 working pressure does not meet SAE 100R16 or EN 857 2SC requirements.

HOSE



Desert® DR16SC
High Pressure

Compatible Fittings

All fittings compatible with Desert® DR16SC are listed in Section 1 (starting on page 131).