



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 HIGH TEMPERATURE

HOSE
Continental

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



Part Number



SAP Number



Hose Size ID



Hose OD



Max. Working Pressure



Min. Bend Radius



Weight



Fitting

Part Number	SAP Number	Hose Size		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	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.	
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	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.	
DR16-04*	20778355	1/4	0.54	18.8	5075	35.0	2.0	50.8	0.23	B2
DR16SC-06	20755831	3/8	0.70	17.8	5000	34.5	2.5	63.5	0.33	B2
DR16SC-08	20755835	1/2	0.82	20.9	4500	30.1	3.5	88.9	0.43	B2
DR16SC-10	20961024	5/8	0.95	24.4	4000	27.6	4.0	102.0	0.41	B2
DR16SC-12	20755850	3/4	1.10	28.0	3500	24.1	5.0	127.0	0.61	B2
DR16SC-16	20776987	1	1.42	35.9	3000	20.6	6.0	152.4	0.94	B2

*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).