

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** 4:1 Safety Factor

BRANDING



DESERT® 2.0 DR16C- 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).