



DESERT

DR16SC

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 except -04.**

Meets Flame Resistance:

- **USMSHA Designation**

Inner Tube

CPE (Chlorinated Polyethylene) Black

Reinforcement

Two braids 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
- ✓ Made for tight bends
- ✓ SAE J1942/ U.S. Coast Guard

Branding

DESERT® 2.0 DR16SC-08 SAE 100R16 1/2" (DN12) 5000 PSI 34.5 MPa 34.7 BAR MSHA 2G-1C-14C/42 MADE IN USA

Desert® DR16SC

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		
20778355	DR16SC-04	1/4	0.25	6.40	0.54	13.80	5075	35	2.00	50.80	20300	140.00	B2	0.23
20755831	DR16SC-06	3/8	0.38	9.50	0.70	17.80	5000	34.5	2.50	63.50	20000	138.00	B2	0.33
20755835	DR16SC-08	1/2	0.50	12.70	0.82	20.90	4500	31	3.50	88.90	18000	124.10	B2	0.43
20961024	DR16SC-10	5/8	0.63	15.88	0.95	24.40	4000	27.6	4.00	102.00	16000	110.30	B2	0.41
20755850	DR16SC-12	3/4	0.75	19.10	1.10	28.00	3500	24.1	5.00	127.00	14000	96.50	B2	0.61
20776987	DR16SC-16	1	1.00	25.40	1.42	35.90	3000	20.68	6.00	152.40	12000	74.40	B2	0.94