


SR16SC

SAE 100R16/EN 857 2SC | High Pressure



Tight Bends & Flexible

- › Meets or exceeds the performance requirements of: SAE 100R16; EN 857 2SC
- › Meets Flame Resistance USMSHA Designation
- › Meets Higher EN/DIN Pressures
- › SAE J1942/U.S. Coast Guard 

Application

High-pressure service with tight bends for petroleum- and water-based hydraulic fluids. Excellent impulse performance and flexibility exceeding SAE 100R2 and SAE 100R16 standards.

Inner Tube

Nitrile

Reinforcement

Two braids of high-tensile steel wire

Cover

Black polychloroprene

Temperature Range

-40°F to 212°F (-40°C to 100°C)

Fitting Reference

All fittings compatible with the SR16SC hose family are listed in Section 1 (starting on page 54) of the catalog.

Branding


Example: Continental ContiTech SR16SC-04 SAE 100R16/EN 857 2SC 1/4" (DN06) W.P. 5800 psi (40 MPa) MSHA 2G-14C/12

Descriptive #/ Product #	SAP #	Hose Size ID		Hose OD		Max. Working Pressure		Min. Bend Radius		Min. Burst Pressure		Weight lbs./ft.	USCG Approved
		in.	DIN Dash Size	in.	mm	psi	MPa	in.	mm	psi	MPa		
SR16SC-04	20494340	1/4	06	0.54	13.7	5800	40.0	2.0	51	23200	160.0	0.18	H
SR16SC-06	20436685	3/8	10	0.70	17.7	5000	34.5	2.5	64	20000	137.9	0.27	H
SR16SC-08	20263798	1/2	12	0.81	20.6	5000	34.5	3.5	89	20000	137.9	0.36	H
SR16SC-10	20264959	5/8	16	0.95	24.2	4000	27.6	4.0	102	16000	110.3	0.41	H
SR16SC-12	20239475	3/4	19	1.10	28.0	3500	24.1	5.0	127	14000	96.5	0.55	H
SR16SC-16	20483278	1	25	1.40	35.5	2700	18.6	6.0	152	10800	74.5	0.83	H
SR16SC-20	20666436	1 1/4	31	1.74	44.3	1813	12.5	8.3	210	7252	50.0	1.12	H

Desert® DR16SC

SAE 100R16 | Constant Pressure | High Pressure



- › Meets or exceeds the performance requirements of: SAE 100R16; except -04.
- › Meets Flame Resistance USMSHA Designation
- › SAE J1942/U.S. Coast Guard 
- › Meets EN 857 2SC working pressures; except -04

Application

High-pressure service with tight bends for petroleum- and water-based hydraulic fluids. For high temperature applications.

Inner Tube

CPE

Reinforcement

Two braids of high-tensile steel wire

Cover

Blue CPE

Temperature Range

-40°F to 302°F (-40°C to 150°C)

Fitting Reference

All fittings compatible with the DR16SC hose family are listed in Section 1 (starting on page 54) of the catalog.

Branding

Example: Continental ContiTech DR16SC-06 SAE 100R16 3/8" (DN10) WP 5000PSI 34.5MPa 345 Bar MSHA 2G-IC-14C/42

Descriptive #/ Product #	SAP #	Hose Size ID		Hose OD		Max. Working Pressure		Min. Bend Radius		Min. Burst Pressure		Weight lbs./ft.	USCG Approved
		in.	DIN Dash Size	in.	mm	psi	MPa	in.	psi	MPa			
DR16-04*	20778355	1/4	6	0.54	18.8	5075	35.0	2.0	20300	140.0	0.23	H	
DR16SC-06	20755831	3/8	10	0.70	17.8	5000	34.5	2.5	20000	138.0	0.33	H	
DR16SC-08	20755835	1/2	12	0.82	20.9	5000	34.5	3.5	20000	137.9	0.43	H	
DR16SC-12	20755850	3/4	19	1.10	28.0	3500	24.1	5.0	14000	96.5	0.61	H	
DR16SC-16	20776987	1	25	1.42	35.9	2700	18.6	6.0	10800	74.4	0.94	H	

*DR16-04 working pressure does not meet SAE 100R16.