

Arctic® LR16SC

Arctic® LR16SC is made for high-pressure service with tight bends for petroleum and water-based hydraulic fluids. It has excellent impulse performance and flexibility exceeding SAE 100R2 and SAE 100R16 standards.



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

Black nitrile synthetic rubber

Reinforcement

Two braids of high-tensile steel wire

Cover

Black CR (Polychloroprene)

Temperature Range

-70°F to 212°F (-57°C to 100°C)

KEY FEATURES



Handles low temperature



Made for tight bends



4:1 Safety Factor

BRANDING



ARCTIC® LR16SC-08

SAE 100R16 / EN 857 2SC
1/2" (DN12)

4500 PSI

34.5 MPa
345 BAR

MSHA 2G-1C-14C/41

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.	
LR16SC-04	20977183	1/4	0.56	14.2	5800	40.0	2.0	51	0.28	B2
LR16SC-06	20977189	3/8	0.72	18.3	5000	34.5	2.5	64	0.33	B2
LR16SC-08	20901038	1/2	0.85	21.5	5000	31.0	3.5	89	0.38	B2
LR16SC-10	21008859	5/8	0.97	24.7	4000	27.6	4.0	102	0.46	B2
LR16SC-12	21009100	3/4	1.13	28.6	3500	24.1	5.0	127	0.59	B2
LR16SC-16	21009108	1	1.44	36.6	3000	20.7	6.0	152	1.06	B2

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High Pressure

Compatible Fittings

All fittings compatible with Arctic® LR16SC are listed in Section 1 (starting on page 131).

HOSE

