



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, flexibility and meets USMSHA. Meets or exceeds the requirements of SAE J517 100R16 and satisfies EN 857 2SC performance requirements (except for some dimensional parameters). Contact us for additional information.

Performance + Specs

Meets or exceeds the performance requirements of:	Inner Tube Nitrile (NBR) Black
SAE 100R16 (Except -24 & -32)	Reinforcement 2 Layers, Braided, Steel Wire
Meets Flame Resistance	Cover Synthetic Rubber Black
USMSHA 2G-IC-14C/46	Temperature Range -70°F / -57°C ~ 212°F / 100°C

Key Features

4:1 Safety Factor
Low Temperature Rating

Branding

ARCTIC® LR16SC-04 SAE 100R16 1/4" (DN6) 5800 PSI 40 MPa 400 BAR MSHA 2G-IC-14C/46

Arctic® LR16SC

Product Numbers											
SAP	Product #	ID	OD		Max Working Pressure		Bend Radius		Fitting Type	Weight (lb/ft)	Agency
		Fraction	in.	mm.	PSI	MPa	in.	mm.			
21152157	LR16SC-04X180m	1/4	0.54	13.7	5800	40	2.00	50.8	B2	0.2	
21152231	LR16SC-05X180m	5/16	0.61	15.5	5075	35	2.20	55.9	B2	0.23	
21152158	LR16SC-06X140m	3/8	0.70	17.7	5000	34	2.50	63.5	B2	0.27	
21152159	LR16SC-08X120m	1/2	0.82	20.8	5000	34	3.50	88.9	B2	0.37	
21152210	LR16SC-10X80m	5/8	0.95	24.1	4350	30	4.00	101.6	B2	0.42	
21152211	LR16SC-12X60m	3/4	1.10	27.9	3500	24	5.00	127.0	B2	0.54	
21152212	LR16SC-16X60m	1	1.42	36.1	3000	21	6.00	152.4	B2	0.89	
21152240	LR16SC-20X200ft	1 1/4	1.74	44.3	2250	16	8.25	209.6	B2	1.04	
21152241	LR16SC-24X200ft	1 1/2	1.99	50.6	2000	14	8.80	223.5	B2	1.31	
21152242	LR16SC-32X200ft	2	2.64	67.0	1600	11	12.50	317.5	B2	1.83	