

# Armorcoat ARC16SC

Armorcoat ARC16SC is made for high-pressure service with tight bends for petroleum- and water-based hydraulic fluids where maximum abrasion resistance is required. This hose 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**  
NBR (Nitrile)

**Reinforcement**  
Two braids of high-tensile steel wire

**Cover**  
Black synthetic rubber with Armorcoat

**Temperature Range**  
-40 F to 212 F (-40 C to 100 C)

## KEY FEATURES

 **Armorcoat**  
abrasion-resistant cover

 **4:1** 4:1 Safety Factor

## BRANDING

 **ARMORCOAT™ ARC16SC-08** SAE 100R16 / EN 857 2SC Super Abrasion Cover 1/2" (DN12) **5000 PSI** 34.5 MPa 345 BAR **MSHA 2G-1C-14C/43** MADE IN USA

										
Part Number	SAP Number	Hose Size ID	Hose OD	Hose OD	Max. Working Pressure	Max. Working Pressure	Min. Bend Radius	Min. Bend Radius	Weight	Fitting
		in.	in.	mm	psi	MPa	in.	mm	lbs./ft.	
ARC16SC-04	20731686	1/4	0.52	13.2	5800	40.0	2.0	51	0.232	B2
ARC16SC-06	20731831	3/8	0.67	17.0	5000	34.5	2.5	64	0.316	B2
ARC16SC-08	20730593	1/2	0.81	20.6	5000	34.5	3.5	89	0.377	B2
ARC16SC-10	20733777	5/8	0.92	23.4	4350	30.0	4.0	102	0.418	B2
ARC16SC-12	20733779	3/4	1.08	27.4	3500	24.1	5.0	127	0.564	B2
ARC16SC-16	20731835	1	1.40	35.5	3000	20.6	6.0	152	0.885	B2

**Armorcoat ARC16SC**  
High Pressure

### Compatible Fittings

All fittings compatible with ARC16SC are listed in Section 1 (starting on page 131).

**HOSE**

