



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**

Meets Flame Resistance

- **USMSHA Designation**

Meets Higher **EN/DIN Pressures**

Inner Tube

Nitrile (NBR) Black

Reinforcement

Two braids of high-tensile steel wire

Cover

Synthetic Rubber with Armorcoat™ Black

Temperature Range

-40°F / -40°C ~ 212°F / 100°C

Key Features

- ✓ 4:1 Safety Factor

- ✓ ARMORCOAT™ Resistance

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 M ADE IN USA

Armorcoat™ ARC16SC

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		
20731686	ARC16SC-04	1/4	0.25	6.40	0.52	13.20	5800	40	2.00	51.00	23200	160.00	B2	0.23
20731831	ARC16SC-06	3/8	0.38	9.50	0.67	17.00	5000	34.5	2.50	64.00	20000	137.90	B2	0.32
20730593	ARC16SC-08	1/2	0.50	12.70	0.81	20.60	5000	34.47	3.50	89.00	20000	124.10	B2	0.38
20733777	ARC16SC-10	5/8	0.63	15.90	0.92	23.40	4000	30.0	4.00	102.00	16000	110.30	B2	0.42
20733779	ARC16SC-12	3/4	0.75	19.05	1.08	27.40	3500	24.1	5.00	127.00	14000	96.50	B2	0.56
20731835	ARC16SC-16	1	1.00	25.40	1.40	35.50	3000	20.68	6.00	152.00	12000	74.50	B2	0.89