

# Armorcoat ACP3

Armorcoat ACP3 is made for high-pressure hydraulic applications designed to replace SAE 100R17 where higher pressures, increased flexibility and maximum abrasion resistance are required.



## PERFORMANCE + SPECS

Meets or exceeds the performance requirements of:

**SAE 100R17**

Meets flame resistance

**USMSHA Designation**

### Inner Tube

NBR (Nitrile)

### Reinforcement

One braid of high-tensile steel wire  
Sizes 5/8", 3/4" and 1" have a 2-wire braid.

### Cover

Black synthetic rubber with Armorcoat

### Temperature Range

-40 F to 212 F (-40 C to 100 C)

## KEY FEATURES

 **Armorcoat**  
abrasion-resistant cover

 **Handles**  
constant pressure

 **4:1** Safety Factor

 **500,000** impulse cycles tested

## BRANDING

 **ARMORCOAT™ ACP3-08** SAE 100R17 Super Abrasion Cover 1/2" (DN12) **3250 PSI** 22.4 MPa 224 BAR **MSHA 2G-1C-14C/43** MADE IN USA

| #           | SAP        | Hose Size ID | Hose OD | Max. Working Pressure | Min. Bend Radius | Weight | Fitting |       |          |    |
|-------------|------------|--------------|---------|-----------------------|------------------|--------|---------|-------|----------|----|
| Part Number | SAP Number | in.          | in.     | mm                    | psi              | MPa    | in.     | mm    | lbs./ft. |    |
| ACP3-04     | 20706539   | 1/4          | 0.50    | 12.8                  | 3250             | 22.4   | 1.5     | 38    | 0.11     | B2 |
| ACP3-06     | 20706643   | 3/8          | 0.65    | 16.5                  | 3250             | 22.4   | 2.0     | 51    | 0.17     | B2 |
| ACP3-08     | 20706648   | 1/2          | 0.79    | 19.9                  | 3250             | 22.4   | 2.8     | 71    | 0.28     | B2 |
| ACP3-10     | 20870407   | 5/8          | 0.95    | 24.1                  | 3250             | 22.4   | 3.0     | 76    | 0.41     | B2 |
| ACP3-12     | 21002020   | 3/4          | 1.13    | 28.7                  | 3250             | 22.4   | 3.8     | 96.5  | 0.53     | B2 |
| ACP3-16     | 21002025   | 1            | 1.44    | 36.6                  | 3250             | 22.4   | 4.5     | 114.3 | 0.92     | B2 |

**Armorcoat ACP3**  
High Pressure

### Compatible Fittings

All fittings compatible with Armorcoat ACP3 are listed in Section 1 (starting on page 131).

**HOSE**

