

# SAE100R6 **TEXTILE BRAID HOSE**

## PREMIUM SMOOTH COVER

This textile-braided hydraulic hose is designed for medium-pressure applications. Its smooth cover enhances abrasion resistance and meets or exceeds SAE J517 100R6 standards.



## TECHNICAL DETAILS

### CONSTRUCTION

**Inner Tube:** Synthetic rubber (NBR I)  
**Reinforcement:** One textile braid  
**Outer Cover:** Oil, weather, and abrasion resistant synthetic rubber, black, MSHA compliant

### APPLICATION

Medium-pressure service with petroleum-based hydraulic fluids, water-glycol and water-oil hydraulic fluids.

**Air Applications:** For air and inert gas applications, the cover should be pinpricked.

### SPECIFICATIONS

**Standards:** Meets or exceeds SAE J517 100R6  
**Approvals:** MSHA  
**Temperature Range:** -40°C - 100°C  
**Hose Tails:** H series, J series

| Part Number | Size (in) | ID (mm) | OD (mm) | Working PSI | Min. Burst Pressure (PSI) | Min. Bend Radius (mm) | Reel Length (m) | Weight (kg/m) |
|-------------|-----------|---------|---------|-------------|---------------------------|-----------------------|-----------------|---------------|
| 100R6-03    | 3/16      | 4.8     | 12.1    | 580         | 2320                      | 50                    | 100             | 0.16          |
| 100R6-04    | 1/4       | 6.4     | 13.2    | 580         | 2320                      | 65                    | 100             | 0.17          |
| 100R6-05    | 5/16      | 7.9     | 15.0    | 580         | 2320                      | 75                    | 100             | 0.19          |
| 100R6-06    | 3/8       | 9.5     | 16.6    | 580         | 2320                      | 75                    | 100             | 0.22          |
| 100R6-08    | 1/2       | 12.7    | 20.0    | 510         | 2040                      | 100                   | 100             | 0.30          |
| 100R6-10    | 5/8       | 15.9    | 23.9    | 510         | 2040                      | 125                   | 50              | 0.32          |
| 100R6-12    | 3/4       | 19.0    | 28.0    | 510         | 2040                      | 150                   | 50              | 0.44          |
| 100R6-16    | 1         | 25.4    | 35.5    | 510         | 2040                      | 170                   | 50              | 0.58          |



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