

SAE100R18TWLT **THERMOPLASTIC HOSE**

LOW-TEMPERATURE TWIN LINE

This twin line, thermoplastic hydraulic hose is designed for medium-pressure applications. Its optimum bonding characteristics and special polyester cover make it ideal for equipment operating in cold environments. Meets or exceeds SAE J517 100R18 and ISO 3949-R18 standards.



TECHNICAL DETAILS

CONSTRUCTION

- Inner Tube:** Polyester elastomer
- Reinforcement:** One or two braids of synthetic fibre
- Outer Cover:** Special polyester, pinpricked, black

APPLICATION

Medium-pressure systems that use petroleum or synthetic-based hydraulic fluids. Suitable for all industrial and agricultural applications exposed to low temperatures or cyclic and quick temperature changes.

SPECIFICATIONS

- Standards:** Meets or exceeds SAE J517 100R18 and ISO 3949-R18
- Temperature Range:** -55°C - 100°C. Limited to 70°C for air and water-based fluids
- Hose Tails:** 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) |
|---------------|-----------|---------|---------|-------------|---------------------------|-----------------------|-----------------|---------------|
| 100R18TWLT-04 | 1/4 | 6.5 | 12.2 | 3000 | 12000 | 35 | 100 | 0.19 |