

Dual Wall Adhesive-Lined Heat-Shrink Tubing for Automotive brake and oil pipe Protection

Adhesive-lined Heat-shrinkable Tubing is specially designed for Automotive Oil-pipe Protection, providing preventive protection to break line, fuel line, hydraulic line and other metal pipeline which is subject to bending or clamping during manufacturing, installation or operation.

Features and Application

Semi-rigid outer jacket for mechanical damage prevention

Adhesive inner layer for sealing against moisture and corrosion

Easy installation

High strength bonding, the adhesive layer is hard to be peeled off from pipeline

Operating temperature: -45°C-105°C

Shrink temperature: 125°C

Dimensions

| Size mm | Expanded Internal Diameter mm(min) | After Recovery | | | Standard Package Spool Length M/spool |
|------------|---|---------------------------------|------------------------------------|------------------------------------|---|
| | | Internal Diameter mm(max) | Total Wall Thickness mm(nom) | Adhesive Thick- ness mm(nom) | |
| 4,5 | 4,5 | 3,2 | 1,20±0.20 | 0,20±0,05 | 75 |
| 6,0 | 6 | 4,5 | 1,20±0.20 | 0,20±0,05 | 75 |
| 8,0 | 8 | 6,1 | 1,30±0.20 | 0,20±0,05 | 75 |
| 11,0 | 11 | 7,1 | 1,30±0.20 | 0,20±0,05 | 50 |
| 13,0 | 13 | 9,5 | 1,30±0.20 | 0,20±0,05 | 50 |
| 15,0 | 15 | 11,5 | 1,30±0.20 | 0,20±0,05 | 50 |

Technical Data

| Property | Test method | Standard Performance |
|------------------------|-------------|----------------------|
| Tensile strength(MPa) | ASTM D 2671 | ≥12 |
| Elongation(%) | ASTM D 2671 | ≥300 |
| Longitudinal change | ASTM D 2671 | -10%~+10% |
| Low-temperature impact | ASTM D 746 | -35°C,no cracking |

Adhesive

| Property | Test method | Standard |
|---------------------|-------------|-----------|
| Water Absorption | ASTM D 570 | <0,5% |
| Softening Point(°C) | ASTM E 28 | 105±3°C |
| Peel strength (PE) | ASTMD 1000 | 120N/25mm |
| Peel strength (Al) | ASTMD 1000 | 80N/25mm |

Standard Colours

black