

Heat Shrink for Automotive Parts

A4 Automobile Air-conditioning Pipeline Protection Heat Shrink Tube

Introduction

Abrasion resistance polyolefin, suitable for anti-vibration and noise reduction protection of automobile air-conditioning pipelines. Specially designed to adhere well to the air-conditioning pipe, no wrinkles when bent.

Features

- Operating temperature: -55 to 135°C
- Minimum full recovery temperature: 125°C
- Halogen-free and environmentally friendly
- RoHS & ELV compliant
- TL52668 Type C compliant
- Shrink ratio: 2:1 & 3:1
- Standard Color: Black

Dimension

Part No. A4	As supplied(mm)		After recovered(mm)		Standard Length m/roll
	Inner diameter D (min.)	Wall thickness T (nom.)	Inner diameter d (Max.)	Wall thickness t (Nom.)	
12/6	12.0	0.30	6.0	0.75	50
19/7.8	19.0	0.30	7.8	0.90	50
19/6	19.0	0.30	6.0	1.10	50
21/7.8	21.0	0.30	7.8	0.90	50
22/7.5	22.0	0.40	7.5	1.10	50
25.4/9.5	25.4	0.30	9.5	0.90	50
27/12.7	27.0	0.45	12.7	1.00	50
32/16	32.0	0.50	16.0	1.00	50
40/14	40.0	0.30	14.0	1.00	50
45/15	45.0	0.40	15.0	1.60	50
51/17	51.0	0.45	17.0	1.70	50

Technical Data

Property	Test Method	Requirement
Tensile Strength	ASTM D2671	≥15 MPa
Ultimate Elongation	ASTM D2671	≥400%
Heat Aging (136°C/168h)	ASTM D2671	
Tensile Strength		≥12.0 MPa
Ultimate Elongation		≥300%
Low-temperature flexibility (-40°C/4h)	ASTM D2671	No cracking
Heat shock(200°C/4h)	ASTM D2671	No cracking, dripping or flowing
Dielectric strength	ASTM D2671	≥20kV/mm
Volume resistivity	ASTM D2671	≥1×10 ¹⁴ Ω·cm
Abrasion resistance	TL 52668 Type C	≥144,000 times

