

Heat Shrink for Automotive Parts

A2 Inner Groove Heat Shrinkable Tube for Water and Rubber Pipeline

Introduction

Cross-linked polyolefin, with zig-zag inner air groove to guide the air flow and prevent bulging or wrinkling caused by trapped air after shrinkage on curved rubber hoses. Abrasion resistance and protection of the automobile pipeline and extending its service life.

Features

- Operating temperature: -40 to 125°C
- Minimum full recovery temperature: 125°C
- Halogen-free and environmentally friendly
RoHS & ELV compliant
- Shrink ratio: 3:1 & 2:1
- Standard Color: Black
- Inner air groove to guide the air flow and prevent bulging or wrinkling

Dimension

Part No. A2	As supplied(mm)		After recovered(mm)	
	Inner diameter D (Min.)	Wall thickness T (Nom.)	Inner diameter d (Max.)	Wall thickness t (Nom.)
18/6	19.0	0.35	8.0	1.1±0.2
27/9	27.0	0.35	9.5	1.1±0.2
39/13	39.0	0.35	14.0	1.2±0.2
51/17	52.0	0.35	21.0	1.3±0.2
60/20	62.0	0.35	22.0	1.3±0.2
76/38	77.0	0.55	38.0	1.5±0.2
100/35	102.0	0.40	35.0	1.5±0.2

Technical Data

Property	Test Method	Requirement
Density	ASTM D2671	1.05~1.15g/cm ³
Tensile Strength	ASTM D2671	≥14MPa
Ultimate Elongation	ASTM D2671	≥350%
Heat Aging (158°C/168h)	ASTM D2671	
Tensile Strength		≥10MPa
Ultimate Elongation		≥280%
Water absorption (23°C/24h)	ASTM D570	≤0.5%
Low-temperature flexibility (-40°C/4h)	ASTM D2671	No cracking
Heat shock (225°C/4h)	ASTM D2671	No cracking, dripping or flowing
Abrasion resistance	TL52668 Type C	≥144,000 times

