

Polyolefin Heat-Shrink Tubing

FITCOTUBE® FT500-ALP

FT500-ALP is zero halogen, flexible polyolefin. This specially formulated heat shrink has been designed to provide enhanced abrasion protection and noise reduction as well as improved anti-vibration protection. Designed to bond strongly to aluminum this heat shrink is the ideal choice for automotive applications such as air conditioning lines. It also avoids wrinkles when bent.

This product will meet the requirements of TL 52668 type C.

Operating temperature: -55°C to +135°C (short term up to +200°C)

Min. full recovery shrink temp.: + 125°C

Shrink ratio: 2:1 up to 3:1

Standard colors: Black
Other colors on request



Description	As supplied (mm)		After recovery (mm)	
	ID (min.)	Wall thickness (nom.)	ID (max.)	Wall thickness (nom.)
FT500-ALP 12/6	12.0	0.30	6.0	0.75
FT500-ALP 19/7.8	19.0	0.30	7.8	0.90
FT500-ALP 19.0/6	19.0	0.30	6.0	1.10
FT500-ALP 21.0/7.8	21.0	0.30	7.8	0.90
FT500-ALP 22.0/7.5	22.0	0.40	7.5	1.10
FT500-ALP 25.4/9.5	25.4	0.30	9.5	0.90
FT500-ALP 27.0/12.7	27.0	0.45	12.7	1.00
FT500-ALP 32.0/16.0	32.0	0.50	16.0	1.00
FT500-ALP 40.0/14.0	40.0	0.30	14.0	1.00
FT500-ALP 45.0/15.0	45.0	0.40	15.0	1.60
FT500-ALP 51.0/17.0	51.0	0.45	17.0	1.70

Special sizes on request

Polyolefin Heat-Shrink Tubing

FITCOTUBE® FT500-ALP

Packaging: On spools, cut lengths on request.

Processing note: Care for clean and straight cutting edges. Start shrinkage on the end.
Pre-heat metal body.

Properties	Test Method	Typical Value
Mechanical		
Tensile strength	ASTM D 2671	≥15 MPa
Ultimate elongation	ASTM D 2671	≥ 400%
After Heat Aging (136°C/168h) Tensile Strength	ASTM D 2671	≥12MPa
Ultimate elongation		≥300%
Thermal		
Low temperature flexibility (4h x -40°C)	ASTM D 2671	No cracking
Heat shock (4h x 200°C)	ASTM D 2671	No cracking, no dripping, no flowing
Electrical		
Dielectric strength	ASTM D 2671	≥20kV/mm
Volume resistance	ASTM D 2671	≥1.0 x 10 ¹⁴ Ωxcm

Key Benefits:

- Abrasion resistance polyolefin material
- Excellent corrosion resistance
- Eliminates noise and vibration
- Adheres to aluminum pipe when bent
- Halogen free