

Polyolefin Heat-Shrink Tubing

FITCOTUBE® FT881U

FITCOTUBE® FT881U is a dual wall heat shrinkable tube made of cross-linked polyolefin with hot melt adhesive liner. It protects automotive brake and fuel piping from mechanical damage as well as potential corrosion caused by moisture. FITCOTUBE® FT881U is halogen-free and environmentally friendly. It is RoHS and ELV compliant.

Operating temperature: -40°C to +80°C
Shrink temperature: +110°C
Shrink ratio: 1.5: 1 to 4:1
Standard color: Black
 Other colors on request



Description	Applic. pipe diam.	As supplied (mm)		After recovery(mm)	
		ID (min.)	Wall thickness (nom.)	ID (max.)	Wall thickness (nom.)
FT881U 5.0/3.0	3.50	5.0	0.70	3.0	1.10
FT881U 6.5/4.0	4.76	6.5	0.75	4.0	1.10
FT881U 8.5/6.0	6.35	8.5	0.75	6.0	1.10
FT881U 10.0/7.0	8.0	10.0	0.70	7.0	1.20
FT881U 14.0/8.0	9.53	14.0	0.70	8.0	1.20
FT881U 15.0/8.0	10.0	15.0	0.70	8.0	1.20
FT881U 15.0/4.0	4.76	15.0	0.40	4.0	1.20

Special sizes on request

Packaging: On spools, cut lengths on request.

FITCO® = trademark of GREMCO
 All of the above information is believed to be reliable. Users, however, should independently evaluate the suitability of each product for their application. GREMCO make no warranties as to the accuracy or completeness of the information and disclaims any liability regarding its use. GREMCO's only obligations are those in the Standard Terms and Conditions of Sale for this product, and in no case will GREMCO be liable for any incidental, indirect, or consequential damages arising from the sale, resale, use or misuse of the product.

Polyolefin Heat-Shrink Tubing

FITCOTUBE® FT881U

Properties	Test Method	Typical Value
Mechanical		
Tensile strength	ASTM D 2671	≥12MPa
Ultimate elongation	ASTM D 2671	≥ 300%
After heat aging (120°C/24h): Tensile strength	ASTM D 2671	≥12MPa
Ultimate elongation		≥270%
Longitudinal change	ASTM D 2671	-5% ~ +5%
Thermal		
Low temp. impact brittleness (-35°C)	ASTM D 746	No cracking
Drop impact resistance (+23°C)	JIS C3005	No cracking
Stress cracking resistance IGEPL (24h x +50°C)	ASTM D 1693	No cracking
Chemical		
Deformation resistance	UL 224	≤50%
Fluid resistance (72h x 25°C) Sulfuric acid (1.28 specific) Sodium hydroxide (0.1N) Motor vehicle brake fluid Unleaded gasoline	ASTM D 2671	No cracking

Key benefits:

- Semi-rigid polyolefin outer layer
- Thermal melt adhesive liner
- Low shrink temperature
- Halogen free