

Polyolefin heat-shrink tubing

FITCOTUBE® FT888

Dual-wall polyolefin heat shrink tubing with high shrink ratio and hot melt polyamid adhesive coating. Insulation, protection and sealing of connectors, solder and crimp splices and electrical components in areas where liquids are present. Corrosion protection of metal components (tubing, pipes etc.).

Operating temperature:	- 55°C to +110°C, short time +225°C
Shrink temperature:	110° C
Shrink ratio:	3:1 and 4:1
Standard colors:	Black



Description	Inner diameter (mm)		Wall thickness (mm)	
	as supplied (min.)	after shrinkage (max.)	after shrinkage (nom.)	
3:1				
FT888-3/1	3,0	1,0	0,95	
FT888-4,5/1,5	4,5	1,5	1,10	
FT888-6/2	6,0	2,0	1,20	
FT888-9/3	9,0	3,0	1,30	
FT888-12/4	12,0	4,0	1,40	
FT888-19/6	19,0	6,0	1,80	
FT888-24/8	24,0	8,0	2,50	
FT888-40/13	40,0	13,0	2,50	
4:1				
FT888-4/1	4,0	1,0	1,00	
FT888-8/2	8,0	2,0	1,20	
FT888-12/3	12,0	3,0	1,40	
FT888-16/4	16,0	4,0	1,80	
FT888-24/6	24,0	6,0	2,20	
FT888-32/8	32,0	8,0	2,50	

Packaging:

Cut-Lengths of 1200 mm in bags/boxes

Spools and non standard sizes: On request

GREMCO GmbH · Sterzinger Str. 6 · D-86165 Augsburg · T +49.821.272 63-0 · F +49.821.27263-55 · info@gremco.de · www.gremco.de

FITCO^{*} = trademark of GREMCO

FITCO = trademark or GRENICO 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[®] FT888

Attributes	Testing	Value		
Mechanical				
Tensile strength	ASTM D 638	≥ 16 MPa		
Ultimate elongation	ASTM D 638	≥ 350 %		
Longitudinal change	SAE-AMS-DTL-23053	-7 %		
Secant Modulus	ASTM D 882	65 MPa		
Thermal				
Heat Shock (225°C x 4h)	SAE-AMS-DTL-23053	No cracking, flowing or dripping (outer wall)		
Operating Temperature	Life-Curve	-55 up to 110°C		
Elongation after heat ageing (175°C x 168h)	SAE-AMS-DTL-23053	220%		
Shrink Temperature	Arrhenius-Plot	≥ 110°C		
Cold Impact (-55°C x 4h)	SAE-AMS-DTL-23053	No cracking		
Copper Corrosion (121°C x 16h)	SAE-AMS-DTL-23053	No corrosion		
Colour Stability (175°C x 24h)	SAE-AMS-DTL-23053	No change		
Electrical				
Voltage Rating		600V		
Dielectric Voltage Withstand (2,5kV x 60s)	UL224	No breakdown		
Volume Resistivity	ASTM D 876	≥ 10 ¹³ Ω*cm		
Dielectric Strength	ASTM D 876	≥ 20 kV/mm		
Chemical				
Flammability	ASTM D 2671 (B)	≤ 60 sec. (pass)		

GREMCO GmbH · Sterzinger Str. 6 · D-86165 Augsburg · T +49.821.272 63-0 · F +49.821.272 63-55 · info@gremco.de · www.gremco.de

ASTM D 570

Water Absorption

0,3 %

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.