

2:1



MIL

# GSHS-1635F Flexible Polyolefin Tubing

Heat Shrink

Section 05.

0800 GET OHUG

## Special Features

- > It has excellent flame retardance, flexibility, and insulation.

## Application

- > Suitable for various electric insulation, strain relief, and bonding of cables and connectors and widely applied for interconnection or termination.
- > Light-duty harnessing, jacketing, bundling, and color coding of electric wires.

## Key Specifications

- > Operating temperature range : -55°C ~ 135°C
- > Flammability : UL VW-1, -F- mark (except clear products)
- > Minimum shrink temperature : 90°C
- > Shrink ratio : 50% or more in radial direction

## Standards:

UL 224 (File No. E84393 : VW-1, 600V, 125°C, except clear products)  
AMS-DTL/5 : 600V, 135°C, Class 1 or Class 3, Class 2 (clear products only)



Properties		Values	Test Methods
Physical	Unaged	Tensile strength	Min. 1.1kgf/mm <sup>2</sup>
		Elongation	Min. 200%
	Aged	Tensile strength	Min. 0.8kgf/mm <sup>2</sup>
		Elongation	Min. 100%
	Heat shock	Pass @250°Cx4hrs	MIL 23053
	Low temperature flexibility	No crack @ -55°Cx4hrs	MIL 23053
Secant modulus	Max. 173MPa	ASTM D 882	
Electrical	Dielectric strength	Min. 19.7kV/mm	ASTM D 2671
	Volume resistivity	Min. 1x10 <sup>14</sup> Ω-cm	ASTM D 876
Chemical	Fluid resistance	Tensile strength	Min. 0.7kgf/mm <sup>2</sup>
		Dielectric strength	Min. 15.8kV/mm
	Copper corrosion	No corrosion	MIL 23053
	Copper mirror corrosion	No corrosion	175°C/16hrs
	Flammability	Pass	UL 224
	Fungus resistance	Pass	ASTM G 21

## Available Colours



Black



White



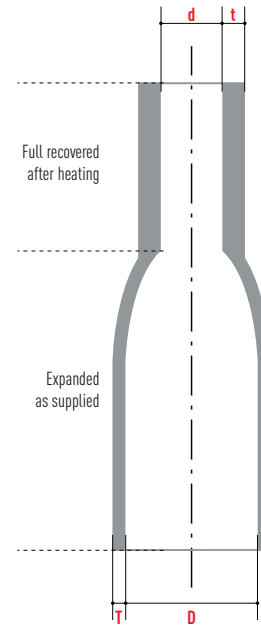
Red



Blue



Clear



### Dimension

> Size range: 1 ~ 60 mm.

Product Code	Inside Diameter (mm)		Wall Thickness (mm)		Standard Length (m)
	as supplied <b>D</b>	after recovery Max. <b>d</b>	as supplied Nom. <b>T</b>	after recovery Min. <b>t</b>	
GSHS-1635F 1.2	1.2	0.58	0.20	0.33	1.2
GSHS-1635F 1.6	1.6	0.79	0.20	0.36	1.2
GSHS-1635F 2.4	2.4	1.17	0.25	0.43	1.2
GSHS-1635F 3.2	3.2	1.57	0.25	0.43	1.2
GSHS-1635F 4.8	4.8	2.36	0.25	0.43	1.2
GSHS-1635F 6.4	6.4	3.18	0.30	0.56	1.2
GSHS-1635F 9.6	9.6	4.75	0.30	0.56	1.2
GSHS-1635F 12.7	12.7	6.35	0.30	0.56	1.2
GSHS-1635F 19.1	19.1	9.53	0.35	0.69	1.2
GSHS-1635F 25	25.4	12.70	0.40	0.76	1.2
GSHS-1635F 38	38.1	19.00	0.43	0.86	1.2
GSHS-1635F 50	50.8	25.40	0.50	0.97	1.2
GSHS-1635F 76.2	76.2	38.10	0.60	1.17	1.2
GSHS-1635F 101.6	101.6	50.80	0.70	1.17	1.2
GSHS-1635F 127	127	63.50	0.70	1.17	1.2

Rolls available on request.