



**Features/Applications**

GREMTUBE® GK175 is a high temperature, highly flame retardant, PVDF (Polyvinylidene fluoride) heat shrink tubing.  
GREMTUBE® GK175 offers a high temperature performance, an excellent resistance to chemicals and outstanding abrasion and cut-through characteristics.  
GREMTUBE® GK175 is suitable for wire and solder joints, terminations, connections, sensors and components exposed to high temperature or aggressive chemicals.

**Various**

Standard colour: Clear, Black.  
UL 224, File N°E328344 Pending

**Dimensions**



Reference	As supplied (mm)		After recovery (mm)		Standard Length (m)
	Inside Diameter Min. (D)	Inside Diameter Max. (d)	Inside Diameter Max. (d)	Wall Thickness (t)	Spool
GREMTUBE® GK175					
001,2	1,2	0,6	0,6	0,30 ±0,08	200
001,6	1,6	0,8	0,8	0,30 ±0,08	200
002,4	2,4	1,2	1,2	0,30 ±0,08	200
003,2	3,2	1,6	1,6	0,30 ±0,08	200
004,8	4,8	2,4	2,4	0,30 ±0,08	100
006,4	6,4	3,2	3,2	0,32 ±0,10	100
009,5	9,5	4,8	4,8	0,32 ±0,10	50
012,7	12,7	6,4	6,4	0,32 ±0,10	50
015,9	15,0	7,9	7,9	0,43 ±0,12	50
019,1	19,1	9,5	9,5	0,43 ±0,12	50
025,4	25,4	12,7	12,7	0,48 ±0,12	50
038,1	38,1	19,0	19,0	0,51 ±0,12	50

•Spools as standard, cut pieces available on request

**Property**

Property	Values	Test Methods
<b>Physical</b>		
Working temperature	-55°C to +175°C	-
Longitudinal change	± 8%	-
Tensile strength	Unaged ≥ 30 MPa	ASTM D 2671
Elongation at break	≥ 150%	ASTM D 2671
Heat shock	4h @ 250°C No crack	ASTM D 2671
Low temperature flexibility	4h @ -55°C No crack	ASTM D 2671
Flammability	Procedure C V-W1	UL 224
<b>Electrical</b>		
Dielectric strength	≥ 30 kV/mm	ASTM D 2671
Volume resistivity	≥ 10 <sup>14</sup> Ω.cm	IEC 93



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**Recommended storage conditions:** Keep in cool, dry, ventilated storage (maximum temperature of 35°C) and in closed container.

Whilst every attempt is made to provide data that is as accurate as possible the values provided should be treated as a guide only. It remains the responsibility of the user to test the product and determine suitability. GREMTEK shall not be held responsible for any loss or defect resulting from incorrect, improper or inappropriate use of this product.