



Features/Applications

GREMTUBE® GKY 175 is a high temperature, highly flame retardant, PVDF (Polyvinylidene fluoride) heat shrink tubing.

GREMTUBE® GKY 175 offers a high temperature performance, an excellent resistance to chemicals and outstanding abrasion and cut-through characteristics.

GREMTUBE® GKY 175 is suitable for wire and solder joints, terminations, connections, sensors and components exposed to high temperature or aggressive chemicals.

Various

Standard colour: Clear.

Specifications

UL 224, File n°E328344 (VW-1, 600V (AC), 150°C)

CSA C22.2 (OFT, 600V (AC), 150°C)

MIL-I-23053/8 Class 1, 600V (AC), 175°C

Dimensions



Reference	As supplied (mm)	After recovery (mm)		Standard Length (m)		
		Inside Diameter Min. (D)	Inside Diameter Max. (d)	Wall Thickness Min. (t)	Spool	Stick
GREMTUBE® GKY 175						
001,2	1,3		0,6	0,20	200	1,2
001,6	1,8		0,8	0,20	200	1,2
002,4	2,5		1,2	0,23	200	1,2
003,2	3,4		1,6	0,23	200	1,2
004,8	4,9		2,4	0,23	100	1,2
006,4	6,4		3,2	0,28	100	1,2
009,5	9,5		4,8	0,28	-	1,2
012,7	12,7		6,4	0,28	-	1,2
019,1	19,1		9,5	0,36	-	1,2
025,4	25,7		12,7	0,41	-	1,2
038,1	38,1		19,1	0,41	-	1,2

•Spools as standard, cut pieces available on request

Property

Property	Values	Test Methods
Physical		
Working temperature	-55°C to +175°C	-
Longitudinal change	± 10%	-
Tensile strength	Unaged	≥ 32,5 MPa
Elongation at break		≥ 150%
Tensile strength	Aged (168h @ 250°C)	≥ 14,5 MPa
Elongation at break		≥ 100%
Heat shock	4h @ 300°C	No crack
Low temperature flexibility	4h @ -55°C	No crack
Flammability	Procedure C	V-W1
Electrical		
Dielectric strength	Size to 12,7 mm	≥ 31,5 kV/mm
	Size over 12,7 mm	≥ 23,6 kV/mm
Volume resistivity		≥ 10 ¹³ Ω.cm
Chemical		
Copper corrosion	At operating temp.	No corrosion

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



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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.