



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 colours: Clear, Black.

UL 224, File No. E328344: VW-1, 600V (AC), 150°C.

SAE AMS-DTL-23053/18.



Dimensions



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

●Spools as standard, cut pieces are available on request

Property

Property	Values	Test Methods
Physical	Working temperature	-55°C to +175°C
	Longitudinal change	-10 to +5%
	Tensile strength	≥ 24,3 MPa
	Elongation at break	≥ 150%
	Heat shock	4h @ 275°C
	Low temperature flexibility	4h @ -55°C
	Flammability	Procedure C
Electrical	Dielectric strength	≥ 15,7 kV/mm
	Volume resistivity	≥ 10 ¹¹ Ω.cm



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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.

20/08/2026 Rev2