DUAL WALL TUBING
GREMTUBE® G61A 3X
Flexible tubing with adhesive

Temp. +110°C -55°C | Ratio 3:1 | Recovery Temp. +120°C | ZERO halogen | MIL

Features/Applications

GREMTUBE® G61A 3X is a flexible, flame retardant, irradiated polyolefin heat shrink tubing with adhesive.
GREMTUBE® G61A 3X offers both insulation and sealing characteristics and meets the most stringent industrial and military requirements.
GREMTUBE® G61A 3X is particularly suited to protect automotive cables, wire bundles and metal tubes against water and moisture when flame retardant properties and UL rating are required.

Various

Standard colours: Black, clear.
Special sizes and colours available on request.

Specifications

UL 224, File N°E328937: VW-1, 600V (AC), 125°C, outside jacket only, except clear products.
MIL-I-23053/4 Class 3

Dimensions

Reference	As supplied (mm)	After recovery (mm)		Standard Length (m)	
GREMTUBE® G61A 3X	Inside Diameter Min. (D)	Inside Diameter Max. (d)	Total Wall Thickness Nom. (t)	Spool	Stick
003,0	3,0	1,0	1,00	150	1,2
004,5	4,5	1,5	1,10	150	1,2
005,0	5,0	1,7	1,10	75	1,2
006,0	6,0	2,0	1,20	75	1,2
009,0	9,0	3,0	1,30	50	1,2
012,0	12,0	4,0	1,35	25	1,2
016,0	16,0	5,3	1,35	20	1,2
019,0	19,0	6,0	2,00	20	1,2
024,0	24,0	8,0	2,20	20	1,2
027,0	27,0	11,0	2,20	20	1,2
031,0	31,0	11,0	2,20	20	1,2
038,0	38,0	13,0	2,30	20	1,2

● Cut pieces available on request

Property			Values	Test Methods
Physical	Working temperature		-55°C to +110°C	-
	Longitudinal change		-15% to 0%	-
	Tensile strength Elongation at break	Unaged	≥ 10,4 MPa ≥ 200%	MIL-I-23053
	Tensile strength Elongation at break	Aged (168h @ 158°C)	≥ 7,8 MPa ≥ 100%	UL 224
	Heat shock	4h @ 250°C	No crack	MIL-I-23053
	Low temperature flexibility	4h @ -55°C	No crack	MIL-I-23053
	Flammability	Procedure C (Outer jacket)	Pass	ASTM D 2671
Electrical	Dielectric strength		≥ 20 kV/mm	ASTM D 2671
	Volume resistivity		≥ 10^{14} Ω.cm	ASTM D 876
Chemical	Copper corrosion	168h @ 175°C	No corrosion	MIL-I-23053

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

RoHS | REACH compliant

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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.

GREMTEK SAS
58 rue du Fossé Blanc, 92230 Gennevilliers, France
+33 (0)1 41 47 35 70
contact@gremtek.com www.gremtek.fr

IS Rayfast
2 Lydiard Fields, Swindon, SN5 8UB, UK
+44 (0) 1793 616700
sales@is-rayfast.com www.is-rayfast.com

IS Sommer
Kraichgaustraße 5, 73765 Neuhausen, Germany
+49 (0) 7158 981270
web@is-sommer.com www.is-sommer.com