



Features/Applications

GREMTUBE® ES180 is a very flexible extruded Silicone tubing.

GREMTUBE® ES180 offers high temperature performances up to 230°C, a good mechanical protection and an excellent dielectric properties. It has a an excellent weather resistance and it is hydrophobic.

GREMTUBE® ES180 is suitable for electrical insulation with high temperature where high flexibility is required.

Various

Standard colour: Clear.

Special sizes and colours available on request.



Dimensions

Reference <i>GREMTUBE® ES180</i>	Inside Diameter (mm) Nom.	External Diameter (mm) Nom.	Standard Length (m)
0,5 x 1,2	0,5	1,2	250
0,8 x 1,6	0,8	1,6	250
1 x 1,8	1,0	1,8	250
1,5 x 2,3	1,5	2,3	250
1,7 x 2,5	1,7	2,5	250
2 x 3	2,0	3,0	250
2,5 x 3,5	2,5	3,5	250
3 x 4	3,0	4,0	100
4 x 5	4,0	5,0	100
4,5 x 5,5	4,5	5,5	100
5 x 6	5,0	6,0	100
6 x 7	6,0	7,0	100
7 x 8	7,0	8,0	100
8 x 9	8,0	9,0	100
9 x 10	9,0	10,0	100
10 x 11	10,0	11,0	100
12 x 13,2	12,0	13,2	100
14 x 15,2	14,0	15,2	50
16 x 18	16,0	18,0	50
18 x 20	18,0	20,0	50
20 x 22	20,0	22,0	25
22 x 24	22,0	24,0	25
24 x 26	24,0	26,0	25
26 x 28	26,0	28,0	25
28 x 30	28,0	30,0	25
31,7 x 34,9	31,7	34,9	25
38,1 x 41,3	38,1	41,3	20
44,5 x 48,5	44,5	48,5	20
50,8 x 54,9	50,8	54,9	20
54 x 58	54,0	58,0	20
96 x 100	96,0	100,0	10

• Spools as standard, cut pieces available on request



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Property

		Values	Test Methods
Physical	Working temperature	-80°C to +230°C	-
	Peak temperature	+250°C	-
	Hardness	70 Shores A	DIN 53505
	Tensile strength	≥ 10 MPa	DIN 53504 S1
	Elongation at break	≥ 400%	
Electrical	Dielectric strength	≥ 20 kV/mm	NF EN 60684-2
	Volume resistivity	≥ 10 ¹⁴ Ω.cm	ASTM D 257
Chemical	Weather resistance	Excellent	-

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

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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.