

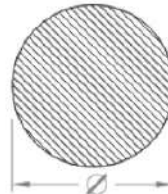
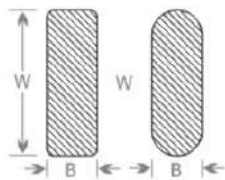
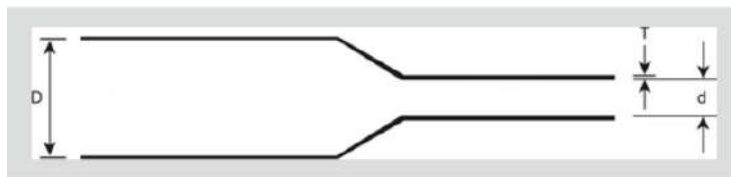


Planilla de datos técnicos garantizados

Tubos termocontraíbles para aislación de barras

Propiedades generales:

Tubo libre de halógenos, retardante de llama con alta rigidez dieléctrica, altamente flexible para uso en barras redondas y rectas o en ángulo. Excelente resistencia a la intemperie, a los rayos UV, sales, solventes y químicos.



Tubos de aislación de barras hasta 3,3kV

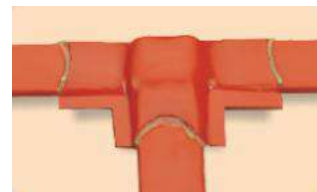
| Medida ↓ | | | | Barras Planas ↓ | | Barras Redondas ↓ | |
|-------------|-----------|-----------|----------|-----------------|------|-------------------|------|
| | D | d | T (±10%) | (W+B) | | | |
| | mm (min.) | mm (max.) | mm | Min. | Max. | Min. | Max. |
| GSC 16/8 | 16 | 8 | 0.69 | 12 | 18 | 8 | 12 |
| GSC 20/10 | 20 | 10 | 0.78 | 16 | 25 | 12 | 16 |
| GSC 30/15 | 30 | 15 | 0.86 | 23 | 38 | 18 | 24 |
| GSC 35/17.5 | 35 | 17.5 | 0.90 | 31 | 45 | 20 | 29 |
| GSC 40/20 | 40 | 20 | 0.96 | 34 | 52 | 23 | 33 |
| GSC 50/25 | 50 | 25 | 0.96 | 51 | 65 | 28 | 41 |
| GSC 60/30 | 60 | 30 | 0.96 | 53 | 75 | 34 | 48 |
| GSC 70/35 | 70 | 35 | 1.10 | 71 | 90 | 38 | 57 |
| GSC 80/40 | 80 | 40 | 1.27 | 78 | 100 | 46 | 64 |
| GSC 90/45 | 90 | 45 | 1.35 | 87 | 115 | 49 | 73 |
| GSC 100/50 | 100 | 50 | 1.40 | 102 | 125 | 55 | 80 |
| GSC 150/75 | 150 | 75 | 1.40 | 119 | 190 | 80 | 121 |
| GSC 180/90 | 180 | 90 | 1.50 | 140 | 236 | 95 | 150 |





Tubos de aislación de barras hasta 24kV

| Medida ↓ | Barras Planas ↓ | | | Barras Redondas ↓ | | | |
|-------------|-----------------|-----------|--------------|-------------------|------|------|------|
| | D | d | T | (W+B) | | | |
| | mm (min.) | mm (max.) | (±10%) mm | Min. | Max. | Min. | Max. |
| GMB 16/6 | 16 | 6 | 2.0 | 12 | 18 | 6.5 | 12 |
| GMB 25/8 | 25 | 8 | 2.5 | 16 | 30 | 9 | 20 |
| GMB 30/12 | 30 | 12 | 2.5 | 22 | 38 | 13.5 | 25 |
| GMB 40/16 | 40 | 16 | 2.5 | 29 | 50 | 18 | 32 |
| GMB 50/20 | 50 | 20 | 2.5 | 36 | 63 | 22 | 40 |
| GMB 65/25 | 65 | 25 | 2.7 | 46 | 82 | 28 | 52 |
| GMB 75/28 | 75 | 28 | 3.0 | 55 | 94 | 33 | 60 |
| GMB 85/32 | 85 | 32 | 3.0 | 58 | 107 | 37 | 68 |
| GMB 100/38 | 100 | 38 | 3.0 | 70 | 126 | 44 | 80 |
| GMB 120/45 | 120 | 45 | 3.0 | 90 | 150 | 55 | 96 |
| GMB 150/60 | 150 | 60 | 3.0 | 110 | 200 | 70 | 127 |
| GMB 180/70 | 180 | 70 | 3.0 | 125 | 226 | 80 | 144 |
| GMB 205/120 | 205 | 85 | 3.0 | 200 | 257 | 127 | 164 |
| GMB 250/120 | 250 | 120 | 3.0 | 200 | 314 | 140 | 200 |



Tubos de aislación de barras hasta 36kV

| Medida ↓ | Barras Planas ↓ | | | Barras Redondas ↓ | | | |
|-------------|-----------------|-----------|--------------|-------------------|------|------|------|
| | D | d | T | (W+B) | | | |
| | mm (min.) | mm (max.) | (±10%) mm | Min. | Max. | Min. | Max. |
| GHB 25/8 | 25 | 8 | 3.7 | 20 | 28 | 13 | 20 |
| GHB 30/12 | 30 | 12 | 4.0 | 28 | 33 | 18 | 25 |
| GHB 40/16 | 40 | 16 | 4.0 | 35 | 45 | 22 | 32 |
| GHB 50/20 | 50 | 20 | 4.0 | 45 | 54 | 29 | 40 |
| GHB 65/25 | 65 | 25 | 4.0 | 50 | 62 | 32 | 43 |
| GHB 75/28 | 75 | 28 | 4.0 | 53 | 69 | 34 | 47 |
| GHB 85/32 | 85 | 32 | 4.0 | 69 | 100 | 44 | 68 |
| GHB 100/38 | 100 | 38 | 4.2 | 83 | 102 | 53 | 72 |
| GHB 120/45 | 120 | 45 | 4.2 | 94 | 125 | 60 | 85 |
| GHB 150/60 | 150 | 60 | 4.5 | 122 | 168 | 78 | 105 |
| GHB 180/70 | 180 | 70 | 4.5 | 160 | 196 | 102 | 125 |
| GHB 205/85 | 205 | 85 | 4.5 | 239 | 250 | 152 | 164 |
| GHB 250/120 | 250 | 120 | 4.5 | 264 | 314 | 168 | 200 |





Especificaciones Técnicas:

| Propiedades | Ensayado | Valores |
|--|-------------|----------------------------|
| Resistencia Física a la Tracción | ASTM D 638 | 12N/mm2 |
| | | (Mpa)(min) |
| Elongación Física máxima | ASTM D 638 | 300%(Min) |
| Densidad | ASTM D 792 | 1.2±0,2gm/cm3 |
| Dureza | ASTM D 2240 | 45? 10D |
| Absorción de Agua | ASTM D 570 | 0,5% (Max) |
| Envejecimiento Térmico | ASTM D 2671 | 120° C/500hs |
| Envejecimiento Térmico/Resistencia a la tracción | ASTM D 638 | 10N/mm2 |
| | | (Mpa)(min) |
| Elongación Térmica máxima | ASTM D 638 | 250%(Min) |
| Límite a baja temperatura (-40° C/4hs) | ASTM D 2671 | Pass |
| Choque Térmico (250° C/30 Min) | ESI 09-11 | Pass |
| Temperatura de Contracción | IEC 216 | 125° |
| Límite de temperatura continua | IEC 216 | -40°/+110°C |
| Resistencia Electrica | ASTM D 257 | 10 ¹⁴ Ω.cm(Min) |
| Rigidez dieléctrica (22kV/mm(Min)) | ASTM D 149 | Pass |
| | | |
| Constante Dieléctrica | ASTM D 150 | 5(Max) |
| Resistencia a la Erosión | ASTM D 2303 | Hasta 3,25Kv/20 (Min) |

