

CTSG-1

Sealing tape

Crosslinked, grey butyl tape suitable for high temperature applications. Designed for harsh environments including direct burial and outdoors.



Features and Benefits

- Protects sharp edges and smoothes transitions
- Very good adhesion to cable sheaths and related accessories
- Non-conductive
- UV resistant
- Non-hazardous
- High dielectric strength
- Resistant to common fluids and solvents
- Continuous operating temperature: -30°C to 105°C

Standards

- Approved to OEM water blocking specifications

Typical Applications

- Seals and protects low to medium voltage cable joints and terminations

-30°C - 105°C
(-22°F to 221°F)

**Continuous
operating
temperature**

Markets:

Industrial, Electrical Utility

Standards:



CTSG-1

WIDTH	THICKNESS	DELIVERY UNITS
<i>mm (in)</i>	<i>mm (in)</i>	<i>m (ft)</i>
25.4 (0.961)	1.5 (0.059)	7.62 (25)

Ordering

- Please specify the product name, order number and options you require
- Select options:
 - Lengths: 7.62 m or customized lengths on request
- Example: CTSG-1, 25.4 mm

Please contact your Customer Service Representative for information on custom colors, sizes, lengths and material data sheet.

We advise that customers should separately evaluate the suitability of our products for their particular application. Our responsibilities are only those listed in our Standard Terms and Conditions of Sale for these products. Please ask for the latest version of this data sheet. Subject to modification without prior notice.

For further information, please contact:

Americas: 800 422 6872
Canada: 800 845 6808

Asia Pacific: +86 512 82280099
Europe: +49 2226 9047 355

Technical data

PROPERTY	CURRENT VALUES	TEST METHODS
MATERIAL		
Material	Butyl rubber; free of lead and cadmium	n/a
Specific gravity	1.39 g/cm ³	IEC 60684-2
Color	grey	n/a
Volatile content	0 % (100% solids)	Internal
Water absorption	0.06 %	IEC 60684-2
Penetration	4.5-5.5 mm at 22°C/150g	ASTM D217
Rolling ball tack	< 2cm	ASTM D3121
Tensile adhesive strength	0.1 MPa	ASTM C 907
Continuous operating temperature	-30° to 105° C	IEC 60684-2
Flexibility	No cracking at -23°C	ASTM D 765
Elongation	400%	IEC 60684-2
Chemical resistance	excellent to ozone	IEC 60684-2
Tensile adhesive strength	0.1 MPa	IEC 60684-2
Dielectric strength	12 kV/mm	IEC 60684-2
Volume resistivity	5 x 10 ¹⁴ ohm-cm	IEC 60684-2
Surface resistivity	6 x 10 ¹⁶ ohms	ASTM D 257
Dissipation factor	0.04 at 100Hz, 0.008 at 100kHz	ASTM DI50
Staining	Will not stain unpainted/painted materials, will not	ASTM D 925
Odour	none	ASTM DI833
Fungus resistance	Will not support mould growth	IEC 60684-2
Corrosion (aluminum and galvanized metal)	none	IEC 60684-2
Shelf life	2 years < 22°C	IEC 60684-2

We advise that customers should separately evaluate the suitability of our products for their particular application. Our responsibilities are only those listed in our Standard Terms and Conditions of Sale for these products. Please ask for the latest version of this data sheet. Subject to modification without prior notice.

For further information, please contact:

Americas: 800 422 6872
Canada: 800 845 6808

Asia Pacific: +86 512 82280099
Europe: +49 2226 9047 355