3M™ Butyl Mastic Tape 2212

Mastic Sealant for Cold Weather Conditions

Data Sheet **July 2010**

Description

3M™ Butyl Mastic Tape 2212 is a high tack, self-fusing butyl rubber mastic ideal for making water and humidity resistant seals. Butyl Mastic Tape 2212 may be overwrapped with vinyl tape to create a reliable weatherproof seal around cable connections and other weather-sensitive devices.

Agency Approvals & Self Certifications

Meets the requirements of:

RoHS 2002/95/EC

RoHS Compliant 2002/95/EC" means that the product or part ("Product") does not contain any of the substances in excess of the maximum concentration values in EU Directive 2002/95/EC, as amended by Commission Decision 2002/618/EC, unless the substance is in an application that is exempt under RoHS. This information represents 3M's knowledge and belief, which may be based in whole or in part on information provided by third party suppliers to 3M.

Applications

Butyl Mastic Tape 2212 is a high tack sealant with excellent adhesion to cable jackets and other insulating materials. It maintains its tack and flexibility to temperatures as low as 0°F (-18°C), ensuring a high quality seal over a wide range of temperatures. It may be overwrapped with vinyl tape to create a weatherproof seal with excellent resistance to environmental factors such as water, condensation, dust, UV and sunlight over a range of temperatures.

Typical Properties

Not for specifications. Values are typical, not to be considered minimum or maximum. Properties measured at room temperature 73°F (23°C) unless otherwise stated.

Physical Properties (Test Method)	**Typical Value** US units (metric)
Color	Black
Adhesion to Steel (ASTM D-3330)	35 oz/in (3,8 N/cm)
Tack,(3M TM 286B) 73ºF (23 ºC) 0ºF (-18 ºC)	 25 lbs/in^2 (0,17 Mpa) 15 lbs/in^2 (0,10 Mpa)
Water Absorption 24 hrs (ASTM D-570)	0.07%
Water Vapor Trans. Rate (ASTM F-1249)	0.13 g/100 in^2 24h (2,0 g/m^2 24h)
Flex (ASTM C-765) -9ºF (-23 ºC)	 Pass
Cone Penetration (ASTM D-217)	3.1 in (80 mm)

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Shelf Life & Storage	3M™ Butyl Mastic Tape 2212 has a 5-year shelf life from date of manufacture when stored in a humidity controlled storage (10°C/50°F to 27°C/80°F and <75% relative humidity).
Availability	Please contact your local distributor; available from 3M.com/electrical [Where to Buy] or call 1-800-245-3573.

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Electrical Markets Division
6801 River Place Boulevard
Austin, TX 78726-9000
800.245.3573
Fax: 800.245.0329
www.3M.com/electrical

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