



MASTER BUTYL CAULKING TAPE

PREFORMED SOLID POLYISOBUTYLENE CROSS LINKED BUTYL CAULKING TAPE

Butyl caulking tape is used for side and end lap sealing between panels such as steel, aluminum and porcelain where joints are subject to shear between similar and dissimilar materials. Butyl tape is 100% solid polyisobutylene cross linked butyl, non-skinning and non-drying preformed sealant.

TYPICAL PHYSICAL PROPERTIES

Base Polymer	Polyisobutylene - cross linked butyl.
Solids Content	100% by weight.
Color	Available in Aluminum and black.
Density	1.50 ±0.05 grams/cc.
Hardness	65 Durometer Shore "00"
Weathering	Unaffected by Ultra-Violet through glass. Remains flexible at low temperatures.
Temperature Range	Service: -40°C (-40°F) to 70°C (158°F) Application: -7°C (+20°F) to 49°C (120°F)
Shelf Life	Over 1 Year normal storage condition below 27°C (80°F).
Heat Resistance	No bubbling, cracking or loss of adhesion from substrate after 2 months of exposure @ 70°C (158°F) and 14 days @ 105°C (220°F).
Aging	No bubbling or cracking with excellent adhesion to substrate after 1500 hours exposure Xenon Arc weathermeter as per ASTM G 26 with a wet/Dry cycle of 102/18 min.

NOTE: The forgoing information is published as general information only. The listed properties and performance characteristics are approximate values and are not part of the product specification.

Available

**1/16" thick x 3/8" wide - 1/8" thick x 3/16" wide -
1/8" thick x 1/2" wide - 1/8" thick x 1" wide -
3/16" thick x 3/16" wide**

MEETS OR EXCEEDS THE FOLLOWING SPECIFICATIONS:

- MILITARY SPEC MIL-C1896B Type II Class B
- ASTM & GSTM specifications
- Federal Spec TT-C1796A Type II Class B
- N.A.A.M.M. SS-1C-68
- A.A.M.A.804.1 AND 807.1
- M.B.M.A. Ice Damming-Five (5) inch static water head test.



MASTER TUBE CAULKING

BUTYL SEALANT

General purpose sealant; ideal for liner panel and other interior / exterior gaps and openings. Remains flexible, resists hardening and cracking. Resilient and paintable.

THERMOPLASTIC, ELASTOMERIC SEALANT

Our best sealant, can be used for face bedding and cap bead in glazing applications. Seals joints in window miter profiles. For siding, it is used in metal and PVC applications, j-trim and perimeter sealing of windows and doors.

BUTYL SEALANT AND THERMOPLASTIC, ELASTOMERIC SEALANT

- STANDARD COLORS - White, Black, Dark Brown, Stone Grey and Slate Blue. Other colors available - contact Leland.
- Proven adhesion to the finishes on aluminum and vinyl.
- Can be painted with latex paint.
- Fast skinning.

TYPICAL PHYSICAL PROPERTIES OF THERMOPLASTIC, ELASTOMERIC SEALANT

PROPERTY	TEST METHOD	RESULTS
Adhesion-in-Peel	CAN/CGSB 19.0M Method 14.6 ASTM C794	Aluminum-11-12 pli (2.0 kN/m) Wood-15-17 pli (3.0 kN/m) PVC -15-17 pli (3.0 kN/m) Glass-15-17 pli (3.0 kN/m)
Shore "A" Hardness	CGSB - Method 8.1 ASTM C661	20.30
Tack Free Time	SGSB - Method 2.1 ASTM C679	30 minutes
Skin Over Time	Touch Test	5-10 minutes
Staining/Bleeding	CGSB - Method 9.1 ASTM C510	pass
Low Temperature Flexibility	CGSB - Method 11.1	pass -25°C/+13°F
Application Temperatures	n/a	5°C - 40°C 40°F - 105°F
Service Temperature	n/a	-40°C to 80°C -40°F to 175°F

For further information contact Leland Industries at 1-800-263-3393

All test results and suggestions are based on laboratory tests. Specific job site conditions should be taken into consideration when specifying the proper fastener. Because applications vary, we assume no liability for use of this information.