



PRODUCT DATA

573.12

BUTYL TAPE

DESCRIPTION:

573.12 is a general purpose, butyl rubber based adhesive/sealing compound. It is produced in convenient ready-to-use tapes or beads. It adheres instantly and adhesion will increase over time. 573.12 is designed to yield a 100% cohesive failure on most substrates and in most conditions. This material is resilient yet pliable and easily worked by hand. 573.12 will not flow, sag or pump from joints due to thermal expansion or contraction. It will bond to:

- Polyethylene (HDPE)
- Polyester (Mylar™)
- Polyvinyl chloride (PVC)
- Glass
- Wood
- Aluminum
- Steel

Because of its excellent adhesion to most substrates, resistance to chemical attack, resiliency, creep resistance and its clean working properties, 573.12 may be used in almost any sealing application or as a laminating adhesive when applied as a 1/32-inch thick tape. The following examples are typical of the wide range of possible applications.

- Laminating adhesive for PVC, HDPE, joint compound, dry wall, concrete and laminates such as Formica®.
- Windows, panels and mullions in curtain wall and commercial building construction.
- A joint sealant metal frames and lap joints.
- Can be used wherever a freeze thaw material is required in refrigeration.

Surfaces where 573.12 is applied need not be completely clean, although they should be dry. Materials should be tested in the intended application for product suitability. 573.12 is chemically inert. It is non-corrosive to paint, metal, aluminum or plastic and will not swell rubber.

PROPERTIES:

Property	Test Method	Typical Values
Color	ASTM D1729	Gray
Odor		None. Will not contaminate sweet butter.
Service Temperature		-40°F to 215°F
Cone Penetration, 300 g	ASTM D217	75 – 90 dmm
% Solids	ASTM C771	> 99% by weight
Specific Gravity	ASTM D297	1.64 ± 0.05 g/cm ³
Weight per Gallon		13.7 ± 0.5 pounds per gallon
Tensile Yield	ASTM C907	20 – 25 psi
Migration	ASTM C772	Pass. No migration, contact stain only.
Elongation	ASTM C907	600%
Freeze-Thaw Stability	100,000+ cycles of 6-min @ -10°F + 2-min @ 80°F	Pass

REGULATIONS and SPECIFICATIONS:

AAMA: Meets 802.3, Type II and 804.3 requirements.

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