



Sealants, Inc.

PRODUCT DATA

U166.6 ELASTIC COMPOUND TAPE

DESCRIPTION:

U166.6 is a gray butyl-based sealing compound manufactured in convenient, ready-to-use tapes on handy rolls. This material is soft, pliable and easily worked by hand; yet it adheres instantly to almost any clean, dry surface, forming an effective and durable seal with high resistance to water, moisture, oil, molds, acids and bases. It is available in a wide range of standard sizes.

Because of its excellent adhesion to most materials, high resistance to chemical attack by mild acids, bases and salts, and its clean, easy-to-use working properties, U166.6 butyl tape may be used in almost any industrial sealing application. The following examples are typical of the wide range of possible uses:

- Seal lap seams of sheet metal assemblies of all types.
- Seal windows, panels and mullions in curtain wall and commercial building construction.
- Glaze and bed plate glass in refrigerated display cases.
- Seal panels and plenum chambers of room air conditioners.
- Seal glass in shower doors; seal joint between metal frame and tile wall for shower enclosures.
- Seal metal and fiberglass caskets and vaults.
- Seal seams in mobile home and over-the-road trailers.
- Seal electrical bus ducts and other similar fixtures.

SURFACE PREPARATION:

Surfaces to which U166.6 is to be applied must be dry and free of dirt, dust and foreign matter. Grease and oil should be removed from non-porous materials such as glass, enamel and plastic in order to obtain maximum adhesion. This may be done easily by wiping with a cloth wetted with a non-oily solvent and drying with another clean cloth before the solvent has evaporated. Surfaces on which no oil or grease is present may simply be wiped clean with a dry cloth to remove any dust or foreign matter.

APPLICATION:

Preformed tapes and beads on handy paper backed rolls provide maximum convenience and cost control when using U166.6 butyl tapes. No tools or equipment are required; there is neither waste nor mess; upon job completion, the remaining material can be stored for future use. The preformed shapes assure that exactly the right amount of sealing material will be applied to the surface, thus providing a neat, attractive appearance and positive, uniform seal.

Extruded tapes are packed in convenient roll form, and application is extremely simple. U166.6 may be applied directly to the surface as the roll is unwound or it may be cut off the roll in the desired length and then applied. Either way, the tape is applied with the paper backing intact and smoothed into position on the surface. The paper backing is then stripped off and discarded. U166.6 butyl tape has excellent adhesive properties and will stick readily to any clean, dry surface.

When pressure is applied to U166.6, it will easily conform to and fill any minor irregularities in the surface to be sealed, providing an effective barrier to the entry of air, dirt, dust, water and other foreign matter.

U166.6 is chemically inert, non-toxic and non-corrosive to metal, plastics and paint. It will not swell rubber.

PROPERTIES:

Color (ASTM D1729):	Gray
Odor (ASTM D1833):	None. Will not contaminate sweet butter.
Weight per Gallon (ASTM D71):	12.9 ± 0.5 pounds/gallon
Service Temperature:	0°F to 180°F
Freeze – Thaw Stability:	Passes 1000+ cycles of -10°F to 80°F.
Paintability:	Excellent
Dielectric Strength (ASTM D149):	300 volts/mil on 0.020-inch thick specimens
Needle Penetration (ASTM D5):	64 – 74 dmm
Shelf Life:	U166.6 is a non-hardening material that may be stored indefinitely.

For technical assistance, customer service and general information, please contact us at:

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2010-02-09