



## PRODUCT DATA

# UT166.6

## ELASTIC COMPOUND TAPE

### **DESCRIPTION**

UT166.6 is a butyl-based sealing compound manufactured in convenient, ready-to-use tapes or cut-to-length parts. This material is soft, pliable and easily worked by hand and adheres instantly to almost any clean, dry surface. UT166.6 forms an effective and durable seal with high resistance to water, moisture, oil, molds, acids and bases. It is available in a wide range of 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, UT166.6 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 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 UT166.6 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. Surfaces on which no oil or grease are present may simply be wiped clean with a dry cloth to remove any dust or foreign matter.

### **APPLICATION**

Preformed tapes and beads on release paper backed rolls provide maximum convenience and cost control when using UT166.6. 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 a positive, uniform seal.

UT166.6 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.

When pressure is applied, UT166.6 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.

UT166.6 is chemically inert, and non-corrosive to metal, plastics and paint. It is paintable and will not swell rubber.

**PHYSICAL PROPERTIES**

Property	Test Method	Typical Values
Color	ASTM D1729	UT166.6: Gray UT166.6Y: Yellow
Odor		None
Service Temperature		-10°F to 180°F
Needle Penetration, 100 g	ASTM D1321	64 – 74 dmm
Specific Gravity	ASTM D297	1.65 ± 0.05 g/cm <sup>3</sup>
Weight per Gallon		13.7 ± 0.5 pounds per gallon
Tensile Strength	ASTM C907	20 psi
Dielectric Strength	ASTM D149	300 volts/0.001-inch tested on 0.020-inch thick specimens.
Freeze-Thaw Stability	1000+ cycles of -10°F and 80°F	Pass
Shelf Life		Indefinite when stored in the original container at normal warehouse temperatures.

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