



# UT-40 Universal Tape

## Product Description

UT-40 Universal Tape is a self-adhering air and moisture barrier tape for use on vertical and horizontal above grade substrates and most construction surfaces.

## Basic Use

UT-40 Universal Tape is a 40 mil thick polyester backed synthetic butyl rubber based adhesive membrane that can be applied to gypsum board, roofing membranes, steel, concrete, building paper, block wall, insulation board, plywood, metal, polystyrene and polyethylene surfaces to form a positive and immediate moisture and vapor barrier protection system. UT-40 has excellent conformability characteristics to irregular surfaces, low temperature adhesion and high temperature flow stability. The synthetic butyl rubber compound adhesive provides excellent thermal resistance to high temperature environments. The butyl compound adhesive has been tested and proven not to flow at elevated temperatures up to 300°F (149°C).

UT-40 Universal Tape can be used for, but is not limited to, the following applications:

- EPDM, PVC, modified bitumen, cured asphalt & coal tar pitch
- Sheet rock joints in roof assemblies
- Sealing joints on gypsum sheathing in cavity wall construction
- Window & door perimeters to the building substrate
- Joints on synthetic stucco systems (EIFS)
- Other areas where a moisture, vapor or air barrier is required
- Applications on surfaces as cold as 25°F (-3.8°C) or above
- All critical high-temperature applications where a moisture, vapor or air barrier is required

## Storage

UT-40 should be stored in a dry, well-ventilated area out of direct sunlight between 50°F (10°C) and 90°F (32°C). Do not double stack pallets. Do not store rolls on end. Do not remove from box until ready to use.

## Packaging

Roll Size:.....4" x 50' (12 rolls/case)  
 .....6" x 50' (8 rolls/case)  
 Weight/Case:.....52 lbs.  
 Cases/Pallet: .....18 cases/pallet

## Technical Data

Color:..... Black  
 Thickness: .....40 mils ± 5 mils  
 Tensile Strength: .....150 p.s.i.  
 Elongation (ultimate failure of butyl mass):.....500% min.  
 Permeance: .....(.013) avg perms  
 Pliability: .....Pass  
 In-Service Temperature:..... -30°F to 250°F

## Surface Preparation

Surfaces should be clean, dry and free of dirt and other foreign matter. Surfaces must be 25°F (-3.8°C) or above. For any application below 32°F (0°C), or OSB and gypsum sheathing, we recommend that the surface be primed with BP-40 Primer. Concrete, masonry, or retrofit surfaces to be treated must be primed with BP-40 Primer.

When priming, the surface onto which the UT-40 will be applied, should be primed with BP-40 Primer using a brush or roller at a rate of approximately 150 to 250 sq. ft. per gallon. Coverage rate will depend on the porosity of the substrate. Allow primer to dry approximately 30 minutes or until tacky, but not wet, to a dry finger. Do not attempt to apply membrane before primer is dry.

## Application

Cut a piece of UT-40 in a length that can be easily handled. Begin the application by removing approximately 12 inches of the release paper and center the tape over the area to be sealed. Horizontal joints should be covered first, then vertical joints. Firmly press or roll the UT-40 against the surface and continue pulling off the release paper while smoothing the tape into place. Rolling the UT-40 will help ensure a tight seal and minimize trapping air beneath the tape. Membrane overlaps should be a minimum of 4".

## Technical Services

Technical advice on use of material for specific application and end use requirements is available from the manufacturer. Material Safety Data Sheet (MSDS) should be consulted for further information. This product is for industrial and professional use only.

**STS Coatings, Inc.**

347 Hwy 289, Comfort, TX 78013  
 (830)995-5177 phone (830)995-5705 fax  
 WWW.STSCOATINGS.COM