

PRODUCT DATA SHEET

MULE-HIDE EPDM IN-SEAM TAPE

PRODUCT DESCRIPTION

Mule-Hide In-Seam Tape is a black, butyl rubber-based adhesive in tape form. The product has been formulated to provide high green strength in both shear and peel. Mule-Hide's In-Seam Tape has a clear, durable poly release film.

BASIC USES

Mule-Hide In-Seam Tape was specifically developed for splicing sheets of EPDM membrane together. The In-Seam Tape may be used on Ballasted, Mechanically Attached and Fully Adhered EPDM Roofing Systems.

PRODUCT BENEFITS

- Contains no solvent
- Labor savings up to 50%
- Superior tack and green strength
- Superior peel and shear strengths
- Ease of installation
- Reduces application problems of adhesives
- Strength improves with age

SPECIFICATIONS

| | |
|-------------------------|--------------------------------------|
| Base Polymer | Butyl |
| Color | Black |
| Cure State | Cured |
| Tensile Strength | 75 psi (55 psi min.) |
| Elongation | 1000% (800% min.) |
| Brittleness Temperature | Below -50°F |
| Permeability | 0.6 perm-mils |
| Heat Aging at 300°F | No appearance change after 180 hours |

Typical Values: Based on material tested in our laboratories but variable from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

Sizes

| <u>Thickness</u> | <u>Width</u> | <u>Length</u> | <u>Unit</u> |
|-------------------------|--------------|---------------|-------------|
| .035" +/- .005" (black) | 3" | 100 lf. | 4/case |
| or | 3" | 25 lf. | 12/case |
| .035" +/- .005" (black) | 6" | 100 lf. | 2/case |

Typical Performance

| | <u>Test Temperature, °F</u> | | |
|------------|-----------------------------|------------|-------------|
| | <u>15°</u> | <u>70°</u> | <u>158°</u> |
| Peel, pli | 12 - 16 | 8 - 10 | 6 - 8 |
| Shear, psi | 45 - 55 | 35 - 45 | 22 - 27 |

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Date 01/01/2007

MULE-HIDE PRODUCTS CO., INC.

P.O. Box 1057, Beloit, WI 53512-1057 • 608/365-3111 • Fax: 608/365-7852

MULE-HIDE EPDM IN-SEAM TAPE

PACKAGING AND STORAGE

Mule-Hide In-Seam tape is a cured product and will not degrade in normal warehouse storage. However, in time the release paper may become difficult to remove. For this reason Mule-Hide recommends the shelf life not exceed 12 months. Stock should be rotated.

INSTALLATION INSTRUCTIONS

After the EPDM membrane sheets have been positioned, fold back the top sheet approximately 12". Using Scotch-Brite® scrub pads or clean rags, clean the seam area thoroughly with Mule-Hide's Tape Primer. Unroll the seam tape onto the seaming area on the bottom sheet, leaving the release paper on. Using firm hand pressure, smooth the tape into place along the length of the seam. Remove the release liner by pulling at a 90° angle. The tape should be positioned so that the tape protrudes from the seam 1/8" to 3/8". As the release liner is being removed, roll the top sheet onto the seam and apply firm hand pressure, then use a 2" steel hand roller and roll the seam starting from the inside of the sheet working outward over the edge of the sheet perpendicular to the direction of the seam. Lap Sealant is required along the seam where the tape is overlapped in the seam (approximately 1.5" in each direction past the overlap).

In warm, sunny weather, the tapes should be stored in the boxes in a shaded area until just prior to use. Prolonged storage temperatures in excess of 90° F(32° C) may affect the product's shelf life. Storage and use of tapes at temperatures below 40° F(4° C) will result in loss of tape tack, and may in extreme cases, result in a loss of bond to the EPDM material. Tapes should be maintained at a minimum temperature of 60° F(15° C) until just prior to installation. Hot boxes may be required for job site storage.

PRECAUTIONS

Mule-Hide In-Seam Tape contains ingredients that could be harmful if mishandled. Contact with skin and eyes should be avoided and necessary protective equipment and clothing should be worn.

Mule-Hide maintains Material Safety Data Sheets on all of its products. Material Safety Data Sheets contain health and safety information for your development of appropriate product handling procedures to protect your employees and customers. Mule-Hide's Material Safety Data Sheets should be read and understood by all of your supervisory personnel and employees before using Mule-Hide products in your facilities.

TECHNICAL SERVICES

Contact Mule-Hide Products Co., Inc. at 608/365-3111 for additional information.

DISCLAIMER

The statements provided concerning the material shown are intended as a guide for material usage and are believed to be true and accurate. No statement made by anyone may supersede this information, except when done in writing by Mule-Hide Products Co., Inc. Since the manner of use is beyond our control, Mule-Hide does not make nor does it authorize anyone to make any warranty of merchantability or fitness for any particular purpose or any other warranty, guarantee or representation, expressed or implied, concerning this material except that it conforms to Mule-Hide's physical properties. Buyer and user accept the product under these conditions and assume the risk of any failure, any injury of person or property (including that of the user), loss or liability resulting from the handling, storage or use of the product whether or not it is handled, stored or used in accordance with the directions or specifications. Mule-Hide must be notified in writing of any claims and be given the opportunity to inspect the complaint or failure before repairs are made.

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