# SPECIFICATION INFORMATION

# VIPER® DOUBLE BOND SEAM TAPE

Vapor Retarders
Division: 03300
Division: 07260

## 1.0 Product Name

Viper® Double Bond Tape
35-mil double sided tape

## 2.0 Manufacturer

InsulationSolutions®

Insulation Solutions Inc.
401 Truck Haven Road.
East Peoria, IL 61611

Technical Assistance
Toll Free: 866-698-6562
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## 3.0 Product Description

### 3.1 Basic Use:

Viper® Double Bond Tape is a 35-mil, non-reinforced, double sided, rubber asphalt based adhesive tape.

Viper® Double Bond Tape is designed for sealing applications requiring an adhesive surface on both sides. Viper® Double Bond Tape can be used as a self-sealing gasket, replacing messy caulks. It is ideal for sealing vapor barrier seams and adhering vapor barriers to vertical foundation walls and piers.

Viper® Double Bond Tape adheres aggressively to most smooth surfaces, including plywood. It self seals around nails and provides a dependable waterproofing barrier over a wide range of weather conditions.

### 3.2 Composition & Materials:

Viper® Double Bond Tape is composed of a black rubberized asphalt compound with release paper on one side and release film on the other. Viper® Double Bond Tape is a minimum of 35-mils thick.

### 3.3 Size:

Viper® Double Bond Tape is available in 2”, 3”, 4”, 6”, 12”, 18”, 36” widths by 50’ in length.

### 3.4 Weight:

Viper® Double Bond Tape weighs approximately 36 lbs. per case. There are 30 cases per pallet.

Rolls per case (lbs per roll):

| | | |
|---|---|---|
| 2” X 50’ | = 18 per case | (2 lbs / roll) |
| 3” x 50’ | = 12 per case | (3 lbs / roll) |
| 4” x 50’ | = 9 per case | (4 lbs / roll) |
| 6” x 50’ | = 6 per case | (6 lbs / roll) |
| 12” x 50’ | = 3 per case | (12 lbs / roll) |
| 18” x 50’ | = 2 per case | (18 lbs / roll) |
| 36” x 50’ | = 1 per case | (36 lbs / roll) |

## 4.0 Technical Data

### 4.1 Applicable Standards

- ***ASTM E 96*** *Standard Test Methods for Water Vapor Transmission of Materials*
- ***ASTM D 5147*** *Standard Test Methods for Sampling and Testing Modified Bituminous Sheet Material*
- ***ASTM D 903*** *Standard Test Method for Peel or Stripping Strength of Adhesive Bonds*
- ***ASTM D 1970*** *Standard Specification for Self-Adhering Polymer Modified Bituminous Sheet Materials Used as Steep Roofing Underlayment for Ice Dam Protection*

*Note: To the best of our knowledge, these are typical property values and are intended as guides only, not as specification limits. Insulation Solutions Inc.® makes no warranties as to the fitness for a specific use or merchantability of products referred to, no guarantee of satisfactory results from reliance upon contained information or recommendations and disclaims all liability for resulting loss or damage.*


| PROPERTIES | TEST METHOD | VIPER® DOUBLE BOND TAPE | |
|---|---|---|---|
| *Test Results - Independent Test Facility* | | *English* | *Metric* |
| Roll Width | | 2”, 3”, 4”, 6”, 12”, 18”, 36” | 50 mm, 76 mm, 101 mm, 152 mm, 304 mm, 457 mm, 914 mm |
| Roll Length | | 50 ft. | 15 m |
| Thickness | ASTM D 5147 | 35-mil | 0.89 mm |
| Adhesion to Plywood | ASTM D 903 | 70 lbf/ft @ 75º F | |
| Adhesion to Plywood | ASTM D 903 | 18.5 lbf/ft @ 40º F | |
| Pliability @ -20º F | ASTM D 1970 | No effect | No effect |
| Water Vapor Permeance | ASTM E 96 | <0.03 perms | <0.020 perms |
| Minimum Application Temperature | | 50° F | 10° C |
| Maximum Application Temperature | | 100° F | 38° C |
| | | | |

4.2 Environmental Considerations:

Viper® Double Bond Tape must be protected from harmful UV light by the use of a protective covering. Use Viper® Double Bond Tape only in situations where it will be protected from direct exposure to sunlight or other UV sources.

## 5.0 Installation

5.1 Viper® Double Bond Tape is designed to have the release paper removed as you are applying it to the surface. The release film should not be removed until immediately before you will be applying the tape.

5.2 Apply Viper® Double Bond Tape at ambient temperature above 50º F. At lower temperatures apply in correlation with a high grade construction spray adhesive.

5.3 The surface to which Viper® Double Bond Tape is to be adhered to should be clean, dry, smooth and free of contaminants. Use a wire brush and primer as necessary to ensure such a surface.

5.4 Carefully align roll, peel back 12 inches of release paper and press exposed portion into place.

5.5 Carefully unroll Viper® Double Bond Tape, removing paper and pressing material into place as you go.

5.6 Repeat with next section.

5.7 The release film should not be removed until the moment you are ready to adhere to the tape. Never leave Viper® Double Bond Tape uncovered once the release film has been removed. If the film has not been removed, do not leave Viper® Double Bond Tape uncovered for more than 8 hours.

5.8 Special Instructions

5.8.1 Always cover Viper® Double Bond Tape as the tape is not designed for prolonged exposure to direct sunlight.

5.8.2 Store Viper® Double Bond Tape in the carton and remove only as needed.

5.8.3 Store carton on end in a dry place at temperatures not exceeding 100º F.

5.8.4 If additional adhesion is required, use construction spray adhesive.

CAUTION
The adhesive in Viper® Double Bond Tape is incompatible with EPDM rubber. Never apply Viper® Double Bond Tape to such a surface.

## 6.0 Availability & Cost

Viper® Double Bond Tape is sold through construction supply houses across the United States and Canada.

Viper® Double Bond Tape current cost information can be obtained by calling our Corporate Sales Office at 866-698-6562.

## 7.0 Warranty

To the best of our knowledge, the specification chart on page one lists typical property values and are intended as guides only, not as specification limits. INSULATION SOLUTIONS INC. MAKES NO WARRANTIES AS TO THE FITNESS FOR A SPECIFIC USE OR MERCHANTABILITY OF PRODUCTS REFERRED TO, NO GUARANTEE OF SATISFACTORY RESULTS FROM RELIANCE UPON CONTAINED INFORMATION OR RECOMMENDATIONS AND DISCLAIMS ALL LIABILITY FOR RESULTING LOSS OR DAMAGE.

## 8.0 Maintenance

Viper® Double Bond Tape requires no maintenance once installed.

## 9.0 Technical Services

Technical information and detailed test results can be obtained by calling our corporate office at 866-698-6562.

## 10.0 Filing Systems

Additional information is available from the manufacturer.