



# VIPER<sup>®</sup>

## VAPOR SCRIM

### REINFORCED VAPOR RETARDER

## VAPOR RETARDERS

DIVISION  
072600

### PRODUCT NAME

Viper• VaporScrim 10-mil Reinforced Vapor Retarder

### MANUFACTURER

**ISI BUILDING PRODUCTS**  
401 Truck Haven Road  
East Peoria, IL 61611  
866.698.6562 / [www.isibp.com](http://www.isibp.com)

### PRODUCT DESCRIPTION

#### BASIC USE

Viper VaporScrim 10-mil is a multi-use, polyethylene vapor retarder that incorporates a high strength reinforcing layer for use in applications requiring a highly durable yet lightweight material. Applications include construction enclosures, temporary liners and covers, insulation membranes, shipping and packaging, asbestos abatements, fumigation covers, temporary walls/curtains, remediation covers and vapor retarders.

#### COMPOSITION & MATERIALS

Viper VaporScrim 10-mil is a triple-ply scrim reinforced LDPE vapor retarder. The high strength scrim reinforcing layer is designed to enhance the strength characteristics of the film in order to prevent tears and punctures from rigorous construction environments.

#### SIZE

Standard Sizes: 20' x 100', 24' x 100', 32' x 100', 40' x 100'

#### WEIGHT

Approximately 42 lbs/MSF

#### FEATURES

- High strength reinforced layer
- High strength-to-weight ratio
- For use in multiple applications
- Reusable
- Lightweight for ease of installation
- Inhibits moisture / vapor transmission
- Wide rolls create minimal seams
- Molten poly bonding prevents delamination

### TECHNICAL DATA

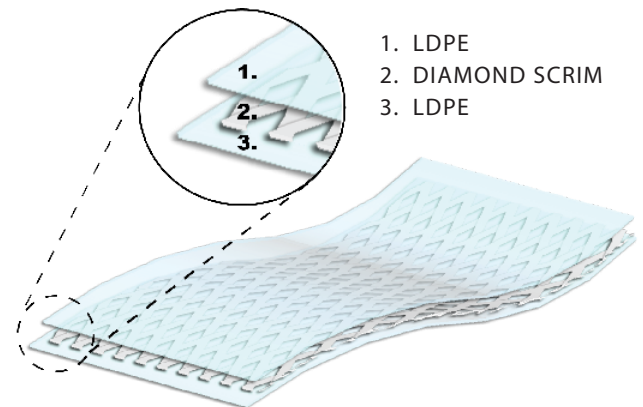
#### APPLICABLE STANDARDS

**ASTM D 882** Standard Test Method for Tensile Properties of Thin Plastic Sheeting

**ASTM D 5034** Standard Test Method for Breaking Strength and Elongation of Textile Fabrics (Grab Test)

**ASTM D 751** Standard Test Methods for Coated Fabrics

**ASTM F 1249** Standard Test Method for Water Vapor Transmission Rate Through Plastic Film and Sheeting Using a Modulated Infrared Sensor



### INSTALLATION

Instructions on architectural or structural drawings should be reviewed and followed. Detailed installation instructions can be obtained by calling the manufacturer at 866.698.6562 or visiting [www.isibp.com](http://www.isibp.com).

## WARRANTY

Warranty information can be obtained by calling the manufacturer at 866.698.6562 or visiting [www.isibp.com](http://www.isibp.com).

## MAINTENANCE

Requires no maintenance once installed.

## TECHNICAL SERVICES

Technical information and detailed test results can be obtained by calling the manufacturer at 866.698.6562.

## FILING SYSTEMS

Additional information can be obtained by calling the manufacturer at 866.698.6562 or visiting [www.isibp.com](http://www.isibp.com).

PROPERTIES TEST PROCEDURE (INDEPENDENT TEST FACILITY)	TEST METHOD APPLICABLE STANDARDS	RESULTS IP UNITS
THICKNESS (NOMINAL)	N/A	10-mil
WEIGHT	N/A	42 lbs/MSF
TENSILE STRENGTH (ELONGATION)	ASTM D 882	20% (MD), 59% (TD)
GRAB TENSILE STRENGTH (ELONGATION)	ASTM D 5034	1.1% (MD), 16.3% (TD)
TRAPEZOID TEAR STRENGTH (ELONGATION)	ASTM D 751	210% (MD), 251% (TD)
TENSILE STRENGTH (YIELD STRESS)	ASTM D 882	1,833 psi (MD), 628 psi (TD)
GRAB TENSILE STRENGTH (PEAK LOAD)	ASTM D 5034	109 lbf (MD), 48 lbf (TD)
TRAPEZOID TEAR STRENGTH (PEAK LOAD)	ASTM D 751	124 lbf (MD), 24 lbf (TD)
MULLEN BURST	ASTM D 751	222 psi
WATER VAPOR PERMEANCE	ASTM F 1249	.0187 perms

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