

# Marvel Guard® Housewrap Technical Specifications Sheet

## PRODUCT NAME

Marvel Guard® Housewrap

## MANUFACTURER

**Berry Plastics**  
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## PRODUCT DESCRIPTION

**Basic Use:** Marvel Guard Housewrap is a perforated polyolefin membrane that is installed beneath exterior siding to reduce air infiltration. Marvel Guard is not intended for use as a primary water barrier. Used in residential and commercial building, installing housewrap on an entire home or structure is generally the most common industry practice.

**Precautions and Limitations:** Refer to individual code reports for the various findings and limitations applicable to the specific code areas of influence.

## TECHNICAL DATA

### Construction Specifications Institute Identification Codes:

Air Barriers 07270

**Composition:** Marvel Guard Housewrap is composed of perforated, high-quality, woven Polyolefin.

**Standard Sizes:** 108" x 100'/150' , 54" x 100'/150', and 36" x 150'.

**Thickness:** 0.0035"

**Tensile Strength (ASTM D-882):**  
63.3 lbs./inch MD, 51.4 lbs./inch CD

**Permeability (ASTM E-96A):**  
73.1 grams/m<sup>2</sup>/24hrs (10.4 perms)

**Water Resistance:** Pass

**Flame Spread (ASTM E-84):** Class A

**UV Exposure Rating:** 4 months

**Applicable Standards:** Marvel Guard Housewrap is manufactured to meet the full intent of all major building codes. \*Contact

Berry Plastics for a copy of the current active code evaluation reports.

Meets Fed. Spec. UU-B-790a Grade D

## INSTALLATION

**Step 1:** Start 2-3 feet from a corner. Wrap around corner and continue nailing or stapling as you move around the house. Use fasteners that are long enough to penetrate into the stud or nail base material.

**Step 2:** Use enough fasteners to hold the wrap firmly in place by fastening it every 12"-18" along the vertical studs using large-headed or plastic cap nails or minimum 1" crown staples. You may install it over wood-based, foam-insulative, or fiberboard sheathing, and exterior gypsum board.

**Step 3:** Make an inverted "Y" cut in the wrap at window rough opening. Make diagonal cuts at top corners of rough opening.

**Step 4:** Fold the three flaps through the opening, fastening them inside with staples set every 6". Fold top flap back and fasten temporarily.

**Step 5:** Install the bottom flashing (when installing flashing) over the wrap.

NOTE: Berry Plastics recommends the use of a flashing material, such as Barricade® OptiFlash® premium butyl rubber flashing, that meets or exceeds Federal Specification UU-B-790a, Grade A and is a minimum 6 inches in width.

**Step 6:** Install window. Flashing details around window: **A.** Install side flashing over side window flanges. **B.** Install head flashing over the top window flange and extend it out 3 to 4" over the side flashings. **C.** Bottom window flange should be over flashing, installed in Step 5. **D.** Remove temporary fasteners from top flap of housewrap, and apply top flap over installed head flashing.

NOTE: Windows must be installed in accordance with each manufacturer's recommended guidelines and installation procedures.

### Other Important Details:

- Install building wrap "shingle-lap" fashion (with the high piece lapped over the outside of the piece below).
- All horizontal overlaps of building wrap should be at least 4" and 6" for vertical overlaps.
- At roof sections, be careful to lap the building wrap over the entire top of any step flashed areas against the wall.
- Around exterior doors, follow the same

flashing procedures as indicated in steps 5 and 6 for windows.

## AVAILABILITY AND COST

**Availability:** Nationwide distribution facilities stock Marvel Guard Housewrap and provide prompt delivery to most local building material/lumber dealers. In addition, Berry Plastics field representatives are located in every part of the country to provide the best possible service.

**Cost:** Marvel Guard Housewrap is competitively priced. For specific information, contact a Berry Plastics representative.

## WARRANTY

Marvel Guard Housewrap is backed by a 10 year limited warranty. Please contact Berry Plastics Tapes and Coatings Division for more information.

## MAINTENANCE

When applied in accordance with manufacturer's recommendations, Marvel Guard will not require maintenance.

## TECHNICAL SERVICES

Support is provided by full-time technically-trained field representatives and technical service personnel. In addition, Berry Plastics is backed by a research, development and service staff.

For further information, literature or technical support, contact Berry Plastics Tapes and Coatings Division at 877.832.0333.

*Information contained in this bulletin conforms to the standard detail recommendations and specifications for the installation of Marvel Guard Housewrap and is presented in good faith. Berry Plastics assumes no liability, expressed or implied as to the architecture, engineering, or workmanship of any project. This information may be concurrent with, or superseded by other applicable documents. Berry Plastics must approve any deviations from published literature, in writing, prior to application. Contact Berry Plastics Tapes and Coatings Division for the most current product information.*



TAPES AND COATINGS DIVISION

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