

# DuPont™ FlexWrap™

Extendable, Conformable, Self-Adhered Butyl Flashing for Windows, Doors, and Wall Penetrations

## OVERVIEW

### Description

DuPont™ FlexWrap™ is a premium extendable self-adhered flashing membrane specifically designed to provide seamless air and water barrier protection at window and door corners. Composition consists of a durable, micro creped DuPont™ Tyvek® top-sheet, a premium 100% butyl adhesive layer, and a specially designed split-release liner.

FlexWrap™ offers a seamless application along window sill and arch-top head conditions. FlexWrap™ conformability enables round-top or custom-shaped windows flashing in a seamless manner, eliminating the need to cut and place individual pieces of conventional flashing on an arched opening. Unlike some competitive flashing, FlexWrap™ does not require the use of mechanical fasteners in the flexed corner.

### Features and Benefits

- **Application and Service Temperature:** Designed to withstand up to 9 months (270 days) of UV exposure. 100% butyl adhesive performs through extreme temperatures. Can be installed at external temperatures as low as -4 °C (25 °F) if the surface is clean and free from frost and ice.
- **High Performance Durability:** Extendable flashing constructed with a durable, micro creped DuPont™ Tyvek® top-sheet, a premium butyl adhesive layer, and a specially designed release liner. Does not contain asphaltic/bitumen adhesive materials which many window manufacturers prohibit due to adverse material reactions, such as black staining, oozing, and deformation over time, particularly with vinyl flanges. Complies with AAMA 711, Voluntary Specification for Self-Adhered Flashing Used for Installation of Exterior Wall Fenestration Products. Adheres to most common building materials.
- **Air and Water Barrier Performance:** Integrates easily with all DuPont™ Tyvek® Water-Resistive Barriers (WRBs), to help seal the building envelope for improved durability and energy efficiency. Helps to facilitate the creation of airtight and watertight seals around windows, door sills, pipe penetrations, and any custom shapes, which can help prevent water damaging corrosion, as well as mold.

### Complete System

- For optimal protection on all your building projects, use DuPont™ FlexWrap™ with the complete line of DuPont building envelope systems products.



### Applications

- Window sills
- Non-Flanged/Storefront Window Heads
- Wood Bump-Out Corners

### Warranty

- DuPont™ FlexWrap™ is backed by 10-Year Limited Warranties when installed as part of the Tyvek® WRB system. For more information, refer to Warranty section of the applicable DuPont Installation Guideline.

## Standard Sizes

### Standard Sizes for DuPont™ FlexWrap™

| Unit | Width | Length | Units per Case | Cases per Pallet | Units per Pallet |
|------|-------|--------|----------------|------------------|------------------|
| Roll | 6 in. | 75 ft. | 4              | 16               | 64               |
| Roll | 9 in. | 75 ft. | 4              | 16               | 64               |

## TESTING AND CODE COMPLIANCE

DuPont™ FlexWrap™ exhibits physical properties as indicated below when tested as represented. Review all instructions and (Material) Safety Data Sheet ((M)SDS) before use. Please contact DuPont at 1-833-338-7668 when additional guidance is required for writing specifications that include this product. Installed System Water Intrusion Testing (Tested with no exterior cladding). NO leakage at 720 Pa for DuPont™ FlexWrap™ products before thermal aging and after thermal aging (0–180°F)

| TEST METHOD    | TEST TITLE  | PROPERTY  | RESULTS  |
|----------------|---|---|--|
| <b>AIR</b>     |   |   |  |
| ASTM E1677     | Standard Specification for Air Barrier (AB) Material or Assemblies for Low-Rise Framed Building Walls   | Assembly Air Leakage  | < 0.04 cfm/ft <sup>2</sup><br>(0.2 L/s · m <sup>2</sup> )                  |
| ASTM E2357     | Standard Test Method for Determining Air Leakage Rate of Air Barrier Assemblies   | Assembly Air Leakage  | < 0.04 cfm/ft <sup>2</sup><br>(0.2 L/s · m <sup>2</sup> )                  |
| <b>WATER</b>   |   |   |  |
| ASTM E331      | Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference | Installed System Water Intrusion Testing.   | NO leakage at 718 Pa   |
| ASTM E96       | Standard Test Methods for Gravimetric Determination of Water Vapor Transmission Rate of Materials   | Water Vapor Permeability  | < 1 perm<br>(< 60 ng/Pa.sec.m <sup>2</sup> )                               |
| <b>GENERAL</b> |   |   |  |
| AAMA 711       | Specification for Self-Adhering Flashing Used for Installation of Exterior Wall Fenestration Products   | Dupont Flashing Systems Products Meet the AAMA 711 Material Standard at the Highest Classification Levels | Class A (no primer)<br>Level 3 Thermal Exposure<br>(80°C/176°F for 7 days) |

**Note:-** \*Tested in a wall assembly containing a window. Consult DuPont for primer recommendations

## INSTALLATION

### Use Conditions

- DuPont™ FlexWrap™ perform best when installed at temperatures above 24 °C (25 °F). (Consult DuPont for primer recommendations)
- DuPont™ FlexWrap™ should be installed on clean, dry surfaces that are free of frost. Wipe surfaces to remove moisture, dirt, grease and other debris that could interfere with adhesion.
- DuPont™ FlexWrap™ is not intended to be used for through-wall flashing applications.

### Installation

- Priming is generally not required for adhering DuPont™ FlexWrap™ to most common building materials. However, adverse weather conditions or cold temperatures may require use of a primer to promote adhesion. Additionally, concrete, masonry, and glass mat exterior gypsum sheathing require the use of a chemically compatible adhesive/primers.



**For more information, visit us at**  
**[building.dupont.com](http://building.dupont.com)**  
**or call us at 1-833-338-7668**

NOTICE:  
Issue  
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