DUPONT Tyvek

DuPont Self-Adhered Flashing Systems

Providing solutions that help protect homes and buildings



Products

Flashing Systems

- DuPont™ FlexWrap™
- DuPont™ FlexWrap™ EZ
- DuPont™ StraightFlash™
- DuPont™ VersaFlange™
- DuPont™ Flashing Tape

Knowledge

- DuPont Building Knowledge Center

Services

- DuPont Building Envelope Specialist Network
- DuPont™ Tyvek® Certified Installer Network



Top Reasons to use DuPont Building Envelope Solutions

DuPont Self-Adhered Flashing Systems support a range of applications, and have been tested to perform on DuPont™ Tyvek® Water-Resistive Barriers (WRB) systems. From jambs and heads to sills, brick mold, and other penetrations, we have you covered. The support we offer from the Building Knowledge Center team, Building Envelope Specialist Network, Tyvek® Certified Installer Network helps enable smoother installation.

Benefits:

- 100% Butyl Adhesive
- Primerless installation as low as 25°F
- Excellent adhesion to most common building materials
- 270 day UV exposure (DuPont™ FlexWrap™, FlexWrap™ EZ, StraightFlash™, VersaFlange™)
- 120 day UV exposure (DuPont™ Flashing Tape)
- AAMA 711 Compliant

DuPont Self-Adhered Flashing Products





All DuPont Self-Adhered Flashing Products are designed to be compatible with DuPont™ Tyvek® WRBs.

DuPont™ FlexWrap™
A high performance, 100% butyl-backed, extendable self-adhered flashing material that can be applied over a wide range of building substrates. Ideal for sills, round top windows, and penetrations. Helps prevent air and water intrusion.

DuPont™ FlexWrap™ EZ
DuPont™ FlexWrap™ EZ is a unique, flexible butyl-backed adhesive tape designed to create an air-and water-tight seal when installed around penetrations of all different shapes and sizes. Ideal for flashing around smaller electrical, HVAC, and plumbing penetrations.



DuPont™ StraightFlash™
A durable, 100% butyl-backed, premium self-adhered flashing material for straight jambs and heads of rectangular windows to help prevent air and water intrusion.

DuPont™ VersaFlange™
An innovative, dual-sided, 100% butyl-backed, self-adhered flashing material for brick mold and non-flanged windows and doors to help prevent water damage and air leakage.

DuPont™ Flashing Tape
An economical, self-adhered, 100% butyl-backed flashing tape to help create a protective envelope around heads and jambs of rectangular windows and doors.

Support When and Where You Need it

DuPont Building Knowledge Center
The DuPont Building Knowledge Center is where DuPont building scientists and construction professionals can evaluate solutions and collaborate on new ideas that will assist you in building structures that are more energy efficient and durable.

When you use DuPont products in your next project, trust that in addition to getting products that address the highest performance standards, you're also getting industry-leading building and material science offered through the DuPont Building Knowledge Center.

Continuing Education
To help stay current on building practices and specifications, your local DuPont Building Envelope Specialist offers AIA and CES learning units, as well as building science seminars.

DuPont Building Envelope Specialist Network
A national team of highly-trained field representatives who are focused on residential construction and can offer detailed information on DuPont™ Tyvek® WRBs to meet your construction needs. From the latest updates on building codes, to on-site consulting and training, your DuPont Building Envelope Specialist will help you make sure the job gets done right.

DuPont™ Tyvek® Certified Installer Network

A Certified Installer offers an on-site DuPont air and water barrier products installation guidance, able to provide installation services to help seal the building envelope. DuPont Certified Installers receive classroom and on-site training on proper installation techniques and safety practices from a DuPont Building Envelope Specialist and must pass written and hands-on installation tests to become part of this elite nationwide network.



A DuPont Building Envelope Specialist is available to assist you throughout your DuPont™ Tyvek® installation.

Warranty

DuPont Building Envelope Solutions come backed by limited warranties from DuPont, a company that has been dedicated to providing innovative and reliable products for over 200 years. For more warranty information visit building.dupont.com.

Sustainability

Tax Incentives for Homebuilders (Section 45L)

The Inflation Reduction Act (IRA) of 2022, includes reference to energy performance requirements that must be met to qualify for the Energy Efficient Home Credit (Section 45L). This provides Federal tax credits up to $5,000 per dwelling for single family homes, manufactured homes, and large multifamily residential buildings that were/are placed in service between Jan. 1, 2023 and Dec. 31, 2032.

Our full line — including DuPont™ Tyvek® Building Envelope Solutions, DuPont™ Styrofoam™ Brand XPS Insulation, and Great Stuff Pro™ Foam Sealant – in combination with our building science and specialist network helps you meet the building envelope requirements for 45L.

All official information related to the tax credit will be determined and published by the IRS. Use Form 8908 to file this credit: www.irs.gov/form8908.

U.S. Green Building Council Leadership in Energy and Environmental Design (LEED®)

By helping seal the building envelope for improved energy efficiency and indoor air quality, DuPont™ Tyvek® may help contribute toward U.S. Green Building Council LEED® points in the following categories:

- Energy & Atmosphere
- Indoor Environmental Quality
- Materials & Resources

National Green Building Standard, ICC 700

The National Green Building Standard, ICC 700, contains four threshold levels: Bronze, Silver, Gold, and Emerald. The highest level, Emerald, calls for a building to save 60% or more of its energy use. DuPont Building Envelope Solutions products may help contribute toward achieving these threshold levels.

Complete System of Products

DuPont Building Envelope Solutions help seal the building envelope for more durable, healthy and energy-efficient buildings and homes. For optimal protection on all your building projects, use DuPont Building Envelope Solutions including:

WRBs

- DuPont™ Tyvek® HomeWrap®
- DuPont™ Tyvek® StuccoWrap®
- DuPont™ Tyvek® DrainWrap™
- DuPont™ Tyvek® ThermaWrap® LE
- DuPont™ Tyvek® CommercialWrap®
- DuPont™ Tyvek® CommercialWrap® D

Self-Adhered Flashing

- DuPont™ FlexWrap™
- DuPont™ FlexWrap™ EZ
- DuPont™ StraightFlash™
- DuPont™ VersaFlange™
- DuPont™ Flashing Tape

Roofing Underlayments

- DuPont™ Tyvek® Roof Protector™
- DuPont™ Tyvek® Protec™ Roofing Underlayments

Accessories

- DuPont™ Tyvek® Tape
- DuPont™ Metallized Tape
- DuPont™ Tyvek® Wrap Cap Screws
- DuPont™ RainVent™ Batten
- Tower Residential Sealant

Technical Services/Additional Information

DuPont offers dedicated technical support, guide specifications, detailed installation guidelines, CAD Details, MSDS sheets, case histories, and tech-talks to support and assist in answering specific technical questions. For additional technical assistance, contact DuPont by calling **1-833-338-7668.** Or visit our website for technical information or to find a local Specialist in your area: building.dupont.com.

DuPont Self-Adhered Flashing Products

Product Data

Properties	DuPont™ FlexWrap™	DuPont™ FlexWrap™ EZ	DuPont™ Flashing Tape	DuPont™ StraightFlash™	DuPont™ VersaFlange™
Face Sheet	Micro-creped, flashspun HDPE (white)	Micro-creped, flashspun HDPE (white)	Polypropylene film	Flashspun HDPE (white)	Flashspun HDPE (white)
Adhesive*	Butyl Rubber (black	Butyl Rubber (black)	Butyl Rubber (black)	Butyl rubber (black)	Transposed dual sided adhesive for continuous integration; Butyl rubber (black)
Thickness	64 mil (1.6 mm)	64 mil (1.6 mm)	20 mil (0.5 mm)	30 mil (0.76 mm)	30 mil (0.76 mm)
Release Liner	1-piece, heavy-duty siliconized paper for 6 in. (150 mm) width product; 2-piece, heavy-duty siliconized paper for 9 in. (225 mm) width product	2-piece, heavy-duty siliconized paper scored release paper	1-piece, heavy duty siliconized paper for 4 in. (100 mm), 6 in. (150 mm), 9 in. (225 mm) 3-piece, heavy-duty siliconized paper for 12 in. (300 mm) width product	2-piece, heavy-duty siliconized, scored release paper	2-piece, heavy-duty siliconized, scored release paper
Dimensions	6 in. (150 mm) or 9 in. (225 mm) x 75 ft (23 m) length 9 in. (225 mm) width x 15 ft. (4.6 m)	2 ¾-inch width x 15 feet length	4 in. (100 mm), 6 in. (150 mm), 9 in. (275 mm) or 12 in. (300 mm) width x 75 ft (23 m 100 mm)	4 in. (100 mm) width x 150 ft (46 m) length, 9 in. (275 mm) width x 125 ft (38 m)	6 in. (150 mm) width x 125 ft (38 m), 6 in. (150 mm) width x 25 ft (7.6 m)
Applications	Round top or custom shaped windows, 3-D sill protection, wall interruptions: i.e. dryer vents, hose bibs.	Wall penetrations: i.e. round pipes, electrical boxes, wires, dryer vents, hose bibs, etc.	Jambs and heads of rectangular windows and doors.	Jambs and heads of rectangular windows.	Brick mold, field-applied flanged window, and non-flanged rectangular windows and doors.
UV Resistance	Cover in 270 days	Cover in 270 days	Cover in 120 days	Cover in 270 days	Cover in 270 days

*Adhesive system is 100% butyl elastomer with no asphalt/modified bitumen components.

Performance Testing

Installed system testing administered without exterior cladding before and after thermal aging.	
ASTM E-331	NO leakage at 300 Pa[1]
ASTM E-331 after thermal aging (0-120°F)	NO leakage at 300 Pa[1]
Water Vapor Permeability (ASTM E-96)	< 1 perm (< 60 ng/Pa.sec.m²)
Application Temperature	Best when installed above 25°F (consult DuPont for primer recommendations)
DuPont Self-Adhered Flashing Products meets the AAMA 711 material standard at the highest classification levels:	Class A (no primer) Level 3 Thermal Exposure (80°C/176°F for 7 days)

[1] Commercial wall assemblies with FlexWrap™ and StraightFlash™ demonstrate no leakage at 700 Pa (15psf) before and after thermal aging (0-180F).

WARNING: DuPont Self-Adhered Flashing Products and their release paper are slippery and should not be walked on. Remove release paper from work area immediately. DuPont Self-Adhered Flashing Products are combustible and should be protected from flame and other high heat sources. If the temperature of DuPont Self-Adhered Flashing Products reach 700°F (307°C) they will burn and the fire may spread and fall away from the point of ignition.

AAMA Manufacturer of Verified Components

U.S. Green Building Council Member

Construction Instruction



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Form No. 43-D1013121-enna-0424 CDP