

DuPont™ Weathermate™ Construction Tape

Durable, Pliable Sealing Tape with Superior Tack

FEATURES/BENEFITS

Description

DuPont™ Weathermate™ Construction Tape* from DuPont is a durable sealing tape with excellent adhesion properties to help protect homes and building against moisture and air intrusion. Weathermate™ Construction Tape is pliable – ensuring a tight seal, even at extremely low temperatures – and its oriented polypropylene backing is formulated with a UV-treated film to help resist degradation from exposure to sunlight.

Weathermate™ Construction Tape is the recommended tape for sealing joints and seams of Weathermate™ housewraps and Styrofoam™ Brand insulated sheathings. It provides a permanent tight bond to sheathing board and housewrap surfaces to seal seams and enhance resistance to moisture and air infiltration.

Ease of Use

Weathermate™ Construction Tape offers the qualities both professionals and do-it-yourselfers look for:

- Excellent tack with enhanced grip
- Strong, durable and impact resistant
- Pliable, for a tight seal even at low temperatures

- Versatile and easy to apply
- UV resistant

Sustainable Solutions

Weathermate™ Construction Tape can be used to repair damaged foam insulation or housewrap, reducing material costs and job-site waste. For the greatest energy savings potential and weather resistance, tape or patch any tears, holes, breaks or damage created during normal construction.

Complete System

Weathermate™ Construction Tape is part of the complete Weathermate™ Weather Barrier Solutions lineup from DuPont – products designed to enhance the performance of the building envelope.

Available Sizes

Weathermate™ Construction Tape is available in a variety of sizes as shown in Table 1. For all sizes, a limited 10-year warranty is available as described at building.dupont.com/warranties.

TABLE 1: Packaging Specifications

Product Description	Box	Roll Weight	Outside Box Dimensions	Box Weight
1 7/8" x 165'	16 Rolls ¹	9.6 oz	9.5" x 9.5" x 11.3"	9.6 lb
2 7/8" x 165'	16 Rolls	12.0 oz	9.5" x 9.5" x 11.3"	12.0 lb
3 7/8" x 165'	12 Rolls	14.4 oz	10" x 9 1/2" x 12"	12.0 lb

¹ Rolls are individually shrink-wrapped with a label on film and tape core.

PROPERTIES

Weathermate™ Construction Tape exhibits physical properties as indicated in Table 2 when tested as represented. Review all instructions and (Material) Safety Data Sheet ((M)SDS) before use. Please contact DuPont at 1-866-583-2583 when additional guidance is required for writing specifications that include this product.

TABLE 2: Typical Physical Properties of Weathermate™ Construction Tape

Property	Typical Value	Units
Width 1 7/8, 2 7/8, 3 7/8	< 1	in.
Length	165	ft.
Color	Clear	-
Backing	Oriented Polypropylene UV-treated Film	-
Adhesive	Acrylic	-
Shelf Life After Purchase	12	Months
<u>Typical Adhesion, ASTM D3330</u>		
Stainless Steel	75	oz/in, min
WEATHERMATE™ Housewrap	15	oz/in, min
Tensile Strength, ASTM D882	20	lb/in, min.
Elongation	125	%
Installation Temperature	15 to 120	°F
Temperature Resistance	-40 to 220	°F

INSTALLATION

Use Conditions

- Apply to clean and dry surfaces, after evaporation of morning dew.
- Apply at temperatures over 15°F. After application, tape will perform in temperatures of -40°F to 220°F.
- Taping horizontal seams is recommended just prior to siding.
- When sealing the joints between two boards of insulated sheathing, center the tape over the joint to cover nails on both sides.

Application

1. Holding the roll in one hand, unroll a few inches of tape and position it at the top or one end of a seam or joint.
2. Press down with the other hand to adhere the first several inches.
3. Move down or along the wall, pulling the tape and applying pressure at the same time.
4. Seal all the way to the bottom or edge of the seam or joint. Trim with utility knife.
5. Continue until all joints and seams are taped.

Curing

- For best adhesion, apply pressure to the tape/sealed area.
- Maximum adhesion will be achieved after 72 hour cure.
- After each use, fold 1 inch of the tape end onto itself. Before reusing the tape, trim the folded end with a utility knife or scissors.

Equipment

For maximum protection against air infiltration and moisture, use Great Stuff Pro™ Gaps & Cracks in addition to **DuPont™ Weathermate™ Construction Tape** around ducts and other penetrations.



**For more information visit us at
building.dupont.com
or call 1-800-448-9835**

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DuPont Polyurethane Foam Insulation and Sealants

CAUTION: When cured, these products are combustible and will burn if exposed to open flame or sparks from high-energy sources. Do not expose to temperatures above 240°F (116°C). For more information, consult (Material) Safety Data Sheet ((M)SDS), call DuPont at 1-866-583-2583 or contact your local building inspector. In an emergency, call 1-989-636-4400 in the U.S. or 1-519-339-3711 in Canada.

Great Stuff Pro™ Polyurethane Foam Sealant contains isocyanate and a flammable blowing agent. Read all instructions and (Material) Safety Data Sheet ((M)SDS), carefully before use. Eliminate all sources of ignition before use. Cover all skin. Wear long sleeves, gloves, and safety glasses or goggles. Not for use in aviation, or food/beverage contact, or as structural support in marine applications. Provide adequate ventilation or wear proper respiratory protection. Contents under pressure. Not to be used for filling closed cavities or voids such as behind walls and under tub surrounds; this improper use of the product could result in the accumulation of flammable vapors and/or uncured material. Failure to follow the warnings and instructions provided with the product, and/or all applicable rules and regulations, can result in injury or death.

Building and/or construction practices unrelated to building materials could greatly affect moisture and the potential for mold formation. No material supplier including DuPont can give assurance that mold will not develop in any specific system.