

# DuPont™ Tyvek® Tape

## BUILDING SCIENCE BULLETIN

Specify DuPont™ Tyvek® Tape in commercial building applications to finish the job right.



DuPont™ Tyvek® Tape is specially engineered to provide the best adhesion to DuPont™ Tyvek®.

**In commercial construction, DuPont™ Tyvek® Tape is the crucial final step for maximum reduction of air and water infiltration through the building envelope.**

Using a quality weather barrier on a commercial building is as important as installing it properly. Taping the seams after wrapping, in addition to taping any tears or holes, is the best practice for maximum reduction of air and water intrusion into the building envelope.

DuPont™ Tyvek® Tape features a specially engineered adhesive to create the best adhesion to DuPont™ Tyvek® Weather Barrier Systems in any climate. DuPont™ Tyvek® Tape works when other tapes won't, sealing seams for a continuous protective barrier against air and water infiltration.

**Not all tapes are created equal.**



Taping the seams after wrapping is the best practice for completely sealing the building envelope.

Desired qualities of a sheathing tape	DuPont™ Tyvek® Tape	Duct tape	Blue outdoor masking tape	Carton sealing tape
Strength	•	•		
High tack	•	•		•
Temperature resistant	•			
UV resistant	•		•	
Pliability	•	•	•	•
Ease of use	•	•	•	•
Permanent acrylic adhesive	•		•	
Meets Canadian Construction Material Center's Standard 7281 for sheathing	•			



The miracles of science™



### Technical data

- Tape materials – UV resistant, biaxially-oriented polypropylene film coated with a specially formulated permanent acrylic adhesive.
- Roll Length – 50 m (54.68 yds)
- Tensile strength – 27 lbs/in.
- Elongation – 125%
- Meets Canadian Construction Material Center's Standard 7281 for sheathing tape.

### Caliper

- Total – 3.0 mil
- Adhesive – 1.6 mil
- Backing – 1.4 mil

### Adhesion

- Wet grab – 50 oz/in.
- Peel adhesion – 40 oz/in. (ASTM D3330)

### 180 degree peel adhesion (oz/in.)

	Immediately	After 72 hr dwell
DuPont™ Tyvek®	24.0	35.0 (Fiber pull off from DuPont™ Tyvek®)
Polyethylene	16.0	20.0
Stainless steel	40.0	

### Temperature resistance

Will withstand temperature extremes from -40°F to 220°F

### Pliability

No cracking when bent around 5 mm mandrel @ -4°F.

### Moisture Vapor Transmission Rate

(MVTR @ 100°F and 90% Relative Humidity)  
0.3 g/100 in<sup>2</sup>/24 hr.

### Stock sizes and packaging

Product	Case pack	Unit weight	Outside case dimensions
2.82" x 54.6 yds bulk pack	24 rolls	12.3 oz	13" x 9" x 12"
3" tape dispenser	20 dispensers	16.6 oz	22" x 14" x 19"

### Complete system of products

For optimal protection on all your building projects, use DuPont™ Tyvek® Tape with DuPont™ Tyvek™ Weather Barrier Systems including DuPont™ Tyvek® CommercialWrap®, DuPont™ Tyvek® StuccoWrap®, DuPont™ Flashing Systems and DuPont™ Tyvek® Wrap Caps.

### Our Specialist Network

The DuPont™ Tyvek® Specialist Network is an elite team of more than 180 highly-trained field representatives, including 30 who are focused specifically on commercial building applications. From the latest updates on building codes, to keeping up with current trends and challenges, your local DuPont™ Tyvek® Specialist can provide on-site consulting and training to help make sure the job gets done right.



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For more information, please call  
1-800-44-Tyvek or visit  
[www.Construction.Tyvek.com](http://www.Construction.Tyvek.com)