



WEATHERMATE™ Plus Housewrap

Surround your homes with advanced comfort protection.



WEATHERMATE™ PLUS HOUSEWRAP

- Offers exceptional tear resistance
- Translucent
- Reduces costly air and moisture infiltration

When selecting the right housewrap for your homes, choose the brand that outperforms the competition in breathability, air resistance and tear resistance: WEATHERMATE™ Plus Housewrap. Whether protecting OSB and wood framing or providing a primary water resistance layer in conjunction with rigid foam plastic, WEATHERMATE™ Plus Housewrap has been specially engineered to maximize a home's weather defense between the cladding and wall assembly, helping to ensure years of comfort for your customers.

PROVEN PERFORMANCE: THE BREATHABLE AND DURABLE HOUSEWRAP SOLUTION

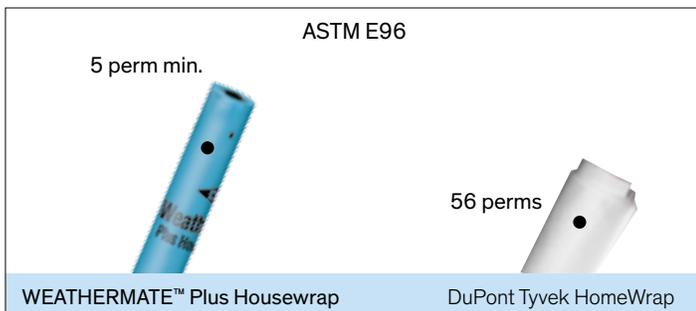
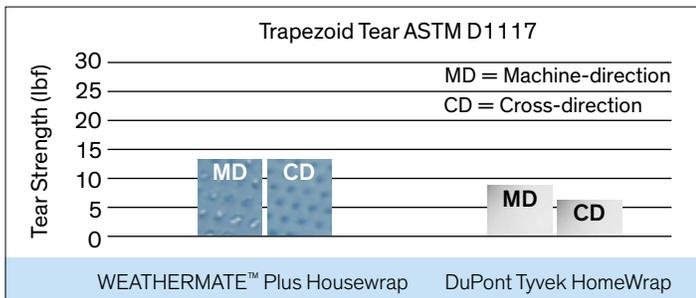
WEATHERMATE™ Plus Housewrap is a non-woven, non-perforated polyolefin-based wrap designed to create a weather-tight, more energy-efficient and comfortable home. Backed by the science and technology of The Dow Chemical Company, WEATHERMATE™ Plus Housewrap continues to outperform the leading housewrap in tests.

TEAR RESISTANCE

Engineered for optimal durability, WEATHERMATE™ Plus Housewrap is tough enough to withstand exposure to high winds, UV light, surfactants and the rigors of the job site – yet it is still flexible and easy to install. What's more, WEATHERMATE™ Plus Housewrap is proven to provide nearly twice the tear strength of DuPont Tyvek HomeWrap, as shown in the ASTM D1117 test, meaning it's less likely to tear because of wind or incidental contact, so you'll be less likely to spend time repairing it after installation.

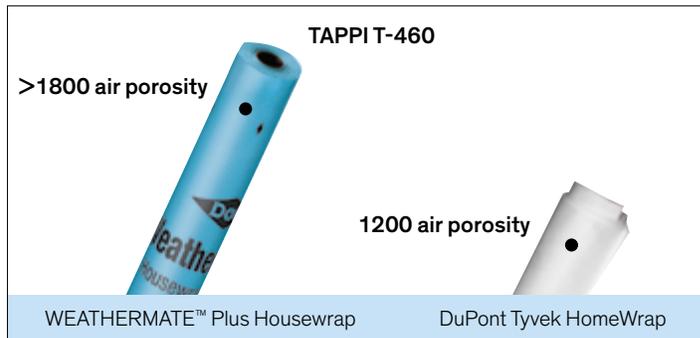
BREATHABILITY

The unique design of WEATHERMATE™ Plus Housewrap allows for optimal breathability with a water vapor transmission rating of 5 perm minimum, which is within the optimal vapor permeance range of 5 to 20 perms. In the ASTM E96 tests, competitors have shown a perm rating as high as 56, which dramatically increases the risk of excessive water vapor entering and occupying the wall cavity which leads to unwanted condensation.



REDUCED AIR INFILTRATION

In the TAPPI T-460 test, researchers measure the volume of air that passes through the housewrap, along with any possible leakage of air across the surface. The tests revealed that WEATHERMATE™ Plus Housewrap offers unparalleled protection against unwanted air infiltration. This helps WEATHERMATE™ Plus Housewrap protect the comfort of your homes, minimizing both the escape of precious energy and the entrance of unwanted elements, such as mold, mildew, dust, smoke, pests and noise pollution.



ADDITIONAL BENEFITS

When you protect the homes you build with WEATHERMATE™ Plus Housewrap, you get more than proven protection against air infiltration, moisture intrusion and tearing. You get an advanced weatherization solution that offers these additional advantages:

- Translucency allows for clear view of studs and sheathing surface
- Reduced installed noise, helping make a quieter home while under construction
- Resistance to UV degradation, able to remain uncovered for as long as 120 days
- Reduced potential for convective wind washing through cavity insulation
- Protection of R-value and thermal performance of wall assembly
- Simple installation
- Provides optimal curbside appeal to prospective buyers



A PROMISE OF COMFORT

You can feel at ease knowing that as part of the WEATHERMATE™ Weather Barrier Solutions system of products, WEATHERMATE™ Plus Housewrap is backed by a 10-year limited warranty.



WEATHERMATE™ Plus Housewrap Outperforms the Competition			
Property and Test Method	Value		
	WEATHERMATE™ Plus Housewrap	DuPont Tyvek HomeWrap	WEATHERMATE™ Plus Housewrap Advantage
Air Porosity, TAPPI T-460, sec/100cc	>1800	1200	Unparalleled protection against energy-robbing drafts
Water Vapor Permeance, ASTM E96, perm	5 minimum	56	Optimal permeance promotes wall drying from the interior and prevents excessive moisture vapor entering from exterior
Water Resistance, 55 cm hydrostatic head pressure for 5 hours per AC38 & AATCC Test Method 127	Pass	Not reported	Helps keep wood sheathings dry
Tear Strength, ASTM D5587, lb	>13/>13	8/6	Almost double the tear strength; resists easily tearing and ripping during and after installation

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NOTE: WEATHERMATE™ and WEATHERMATE™ Plus Housewraps have already qualified as water-resistant alternatives to the prescribed felt (see Evaluation Reports NER-593 and NER-640 for approved alternative).

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