

GreenGuard® Ultra Wrap DATA SHEET



Description: Ultra Wrap A non-woven polyolefin housewrap designed to perform as an air infiltration barrier, a moisture protection barrier, and a weather-resistive barrier in accordance with the National, Standard, Uniform, and International Building Codes.

Product Sizes:

Product Number	Color	Roll Dimensions (W x L)	Rolls/Pallet	Square Feet/Roll	Square Feet/Pallet	Pallet Size (L x W)
AU0990	TAN*	9' x 100'	60	900	54,000	42" x 109"
AU1490	TAN*	9' x 150'	40	1,350	54,000	42" x 109"
AU1010	TAN*	118" x 100'	40	1,500	60,000	42" x 120"
UW1490	WHITE*	9' x 150'	40	1,350	54,000	42" x 109"
UW1510	WHITE*	10' x 150'	40	1,500	60,000	42" x 120"

* Beginning in 2006, The GreenGuard® Ultra Wrap product is manufactured as white film. Inventory manufactured prior to 2006 is tan film. Typical physical properties of the two products are the same. Roll size differences are as shown in the table above.

Typical Physical Properties

Property	Test Method	Ultra Wrap
Color		White or Tan
Thickness (inches) (mils)	ASTM D 1777	.008 8
Weight (lbs./1000 ft ²)	ASTM D 3776	13.9
Tensile Strength (lbs/in., MD/TD) ¹	ASTM D 882	35/28
Trapezoid Tearing Strength (lbs., MD/TD)	ASTM D 1117	14/15
Burst Strength (psi)	ASTM D 751	145
Water Penetration Resistance (cm H ₂ O)	AATCC-127	>200
Water Vapor Permeance (perms)	ASTM E 96 Procedure A/B (75°F, 50% R.H.)	48/59
Water Vapor Transmission Rate (g/m ² /24 hrs.)	ASTM E 96 Procedure A/B (75°F, 50% R.H.)	334/432
Air Permeance (L/s/m ² @ 75 Pa) (cfm/ft ² @ 1.57 psf)	ASTM E 2178	0.000 0.000
Air Leakage Rate/ Air Resistance (cfm/ft ² @ 1.57 psf/25 mph)	ASTM E 283	0.03
Structural Integrity (minimum 1 hr. @ 500 Pa/65 mph)	ASTM E 330 Procedure A	Pass
Water Resistance (15 min. @ 27 Pa/15 mph)	ASTM E 331	Pass

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<u>Property</u>	<u>Test Method</u>	<u>Ultra Wrap</u>
Fire Characteristics²	ASTM E 84	
Flame Spread		0
Smoke Developed		15

Compliance: See ICC-ES Legacy Report NER 689
See CCMC Report No. 13065-R/13075-R
HUD/FHA UU-B-790A, Equivalent to Grade D Paper, Type 15
ASTM E 1677, Type 1 (Specification for Air Retarder Materials or Systems)
ASTM D 226, Type 1 (Specification for Felt Building Paper/Roofing Paper)

¹ Machine Direction/Cross Direction.

² These numerical flame spread and smoke ratings are not intended to reflect hazards presented by this material under actual fire conditions.

WARNING: Plastic housewrap materials will ignite if exposed to fire of sufficient heat and intensity. Protect plastic housewraps from exposure to open flame or other ignition sources during shipment, storage, and installation.

GreenGuard housewraps are excellent secondary weather barriers that help deflect water and wind-driven rain, yet are designed to breathe to assist trapped moisture vapor to escape, helping walls dry faster. GreenGuard housewraps are made of synthetic materials that are generally recognized as not providing a food source for insects, fungus, mold, or mildew. GreenGuard housewraps should always be properly installed and stored.

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For the most current product information, go to www.green-guard.com.

ENERGY STAR HOME SEALING

EPA recommends sealing the "envelope" that surrounds your living space:

- the ceiling
- outer walls
- windows
- floors

ENERGY STAR is a program of the U.S. Environmental Protection Agency and the U.S. Department of Energy.

To save on your heating and cooling bill and increase the comfort of your home:

- Add insulation
- Seal air leaks
- Choose ENERGY STAR qualified windows when replacing windows

www.energystar.gov

When correctly installed, Pactiv's GreenGuard Ultra Wrap can reduce air leaks as is recommended by EPA's ENERGY STAR Home Sealing effort.