

## Features and Benefits of Denny Energy Wrap VS. Tyvek

Feature	Denny Energy Wrap	Tyvek (Leading Brand)	Benefit
Perm- Rating (ASTM E-96)	8	58	Lower perm rating reduces the amount of water vapor to pass through from the outside to inside the wall envelope
Air Penetration (Sec/100 cc)	15.5	300	Some studies suggest that more air flow is better for drying. Denny Energy Wrap allows 100 cc of air to pass in 15.5 seconds, Tyvek restricts airflow as it takes 300 seconds to pass 100 cc of air
Tensile Strength (MD / CD)	30/60	30/30	Denny Energy Wrap and Tyvek are both 30 for machine direction tear. Denny Energy Wrap beats Tyvek on the cross direction strength
UV Rating	365	120	Denny Energy Wrap can be exposed to UV light 4 times longer than Tyvek
Transparency	Full	None	Denny Energy Wrap is translucent allowing easier installation
Perforations	Perforated	Non-Perforated	Why spend the extra money on a non-perforated housewrap when all the fasteners used for hanging the siding leaves the wrap underneath with 100s of perforations?
Cost	Economical	Very Expensive	Denny Energy Wrap's low perm, perforated design is best suited for hot/mixed climates

### 10.0 PRODUCTION SPECIFICATIONS AND TOLERANCES

#### Test Requirements

Test	Standard	Min	Max
Caliper (Inches)	0.005	0.004	0.006
Basis Weight (#/msf)	16	13.5	19
Air Porosity (sec/100cc)	12	5	30

\* Meets all requirements of ICC-ES AC 38; see Evaluation Service Report 1197