

# DuPont™ Tyvek® ThermaWrap™

## PHYSICAL PROPERTIES DATA SHEET

PROPERTIES	METHOD	DUPONT™ TYVEK® THERMAWRAP™
Effective R-value (including 3/4" air space)	ASHRAE Tables <sup>1</sup> (emittance measured with ASTM C1371)	R-2
Air Penetration Resistance	ASTM E2178 (cfm/ft <sup>2</sup> @1.57 psf)	.001
	Gurley Hill (TAPPI T-460) (sec/100cc)	1000
Water Vapor Transmission	ASTM E96-00 Method A (g/m <sup>2</sup> -24 hrs) (perms)	160 23
	Method B (g/m <sup>2</sup> -24 hrs) (perms)	250 36
Water Penetration Resistance	ATTCC 127 (cm)	210
Basis Weight	TAPPI T-410 (oz/yd <sup>2</sup> )	2.6
Breaking Strength	ASTM D882 (lbs/in)	29/27
Tear Resistance (Trapezoid)	ASTM D1117 (lbs)	12/7
Surface Burning Characteristics	ASTM E84 Flame Spread Index	10 Class A
	Smoke Developed Index	20 Class A
Ultra Violet Light Exposure (UV)		120 days (4 months)

These values represent roll averages. Individual roll results may differ due to normal manufacturing variations.

<sup>1</sup> 2001 ASHRAE Handbook of Fundamentals, Chapter 25 - Table 3.

For more information about DuPont™  
Tyvek® Weatherization System products,  
please call 1-800-44-Tyvek or visit us at  
[www.Construction.Tyvek.com](http://www.Construction.Tyvek.com)

**WARNING:** DuPont™ Tyvek® is combustible and should be protected from a flame and other high heat sources. If the temperature of DuPont™ Tyvek® reaches 750 °F (400 °C), it will burn and the fire may spread and fall away from the point of ignition.



*The miracles of science™*

DuPont™  
**Tyvek®**  
**ThermaWrap™**