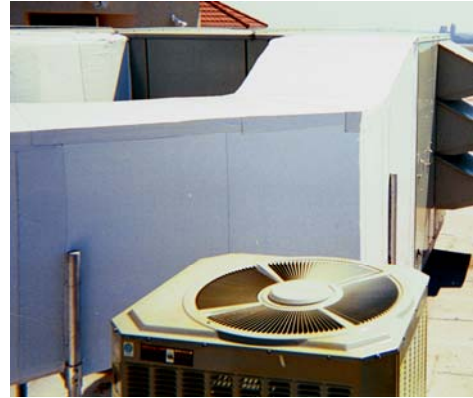


# ZeroPerm Ultra

## Zero Perm Vapor Barrier Membrane



ZeroPerm Ultra is a new light weight, high performance insulation jacketing system for interior and exterior pipe and duct systems. ZeroPerm Ultra installs quickly with a professional appearance, saving time and money for the building owner and general contractor.

- ◆ ASTM E-84 25/50 Flame/Smoke
- ◆ Zero Perm (ASTM E-96)
- ◆ Corrosion Resistant
- ◆ UV Stable
- ◆ Weather Resistant
- ◆ Mold Resistant
- ◆ Self Adhesive Low Temperature Acrylic Adhesion
- ◆ Ease of Application



Revision 1.2 1/28/2008 replacing rev. 1.02/27/07

# ZeroPerm Ultra

A tough, flexible "perfect barrier" self adhering, Zero Perm Weather and Vapor Barrier Membrane. Zero perm protection for below ambient and sub-freezing pipe and duct systems.

COMPONENT	DESCRIPTION
VAPOR BARRIER SHEET	PET/ALUMINUM COMPOSITE
PRESURE SENSITIVE ACRYLIC ADHESIVE	HIGH PERFORMANCE ACRYLIC
REMOVABLE RELEASE LINER	COATED KRAFT

PHYSICAL PROPERTY	TEST METHOD	VALUE	
Permeance	ASTM E96, Procedure A	0.0 perm	0.0 ng/sq.m.s.Pa
Tensile Strength	ASTM D828 Modified	85 Lb/inch	15.0 kg/cm
Burst Strength	ASTM D774	265 psi	265.0 kPa
Mold and Mildew Resistance	ASTM C1338	no growth of organisms	
Humidity Resistance	ASTM C1258	Pass	
Dimensional Stability	ASTM D1204 @ 150°F (65°C)	does not exceed 0.50% change	
Low Service Temperature Limit	Freezer exposure at temperature	- 40 °F	-40 °C
High Service Temperature Limit	Oven exposure at temperature	+200 °F	+93 °C
Thickness, Nominal w/o Liner	Micrometer	9 mils	225 microns
Weight Per Area	Scale/Balance	65 lb/1000 sq.ft	315 g/sq.m

SURFACE BURNING CHARACTERISTICS		
	TEST METHOD	VALUE
EITHER SIDE EXPOSED	ASTM E-84	< 25 FLAME < 50 SMOKE

Please contact Technical Service for help with product and applications questions and for product warranties. Polyguard recommends ZeroPerm Ultra for indoor applications where perm rating and moderate mechanical protection are required. Polyguard recommends Alumaguard for exterior vapor barrier and protection from the weather and the elements.

**Polyguard**  
[www.polyguardproducts.com](http://www.polyguardproducts.com)  
**214-515-5000**

