

# HC 1000 Vapor Barrier

## PRODUCT DATA SHEET



### CONSTRUCTION

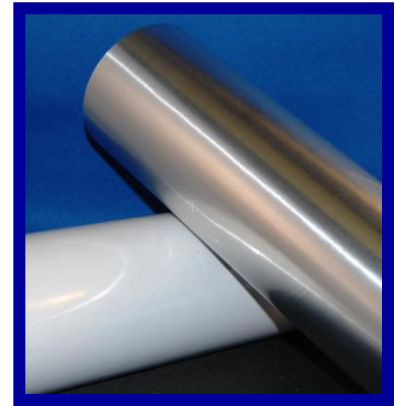
Substrate: Polyester/Aluminum Composite

### FEATURES

- Tough, flexible vapor barrier
- Excellent weathering and UV resistance
- Offers good protection from corrosive attack and physical abuse
- Silver

### TYPICAL USES

- Mid-layer secondary vapor barrier
- Primary vapor barrier under a protective jacket



### TYPICAL PROPERTIES

| Test                            | Typical Values (english) | Typical Values (metric)      | Test Method          |
|---------------------------------|--------------------------|------------------------------|----------------------|
| Total Thickness                 | 0.0025-in                | 0.0635-mm                    | PSTC-133             |
| Permeance                       | 0.0-perm                 | 0.0 ng/m <sup>2</sup> AsA Pa | ASTM E96-A           |
| Tensile Strength                | 35-lbs/in                | 6.0-kg/cm                    | ASTM D828            |
| Burst Strength                  | 150-psi                  | 10.0-kg/cm <sup>2</sup>      | ASTM D774            |
| Mold and Mildew Resistance      | No growth of organisms   | No growth of organisms       | ASTM C1338           |
| Humidity Resistance             | Pass                     | Pass                         | ASTM C1258           |
| Low Temperature Limit           | -100°F                   | -70°C                        | HC Internal          |
| High Temperature Limit          | 250°F                    | 120°C                        | HC Internal          |
| Surface Burning Characteristics | 15 Flame<br>35 Smoke     | 15 Flame<br>35 Smoke         | UL 723*<br>ASTM E 84 |

*\*Tested in accordance with UL 723*

### APPLICATION

Application surface must be clean, dry and free of contaminants.

### SHELF LIFE & STORAGE

Under ideal storage conditions of 60°F to 80°F and low humidity, shelf life is one year from date of purchase.

*Physical and performance values and characteristics shown above are obtained through recommended test procedures. The above values do not represent a guarantee of product performance. Values represent nominal and average values; individual roll values may vary from average values indicated on the data sheet. User is responsible for determining suitability and fitness for use. Revision 11.6.2012 10:40.*