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13709

## PRODUCT DATA SHEET

### SUPER R® Specifications

	SUPER R DIAMOND® (Residential)	SUPER R PLUS® (Commercial)
PRODUCT	Two-sided reflecting metalized film with polyester scrim reinforcement	Two-sided reflecting metalized film with polyethylene woven reinforcement
WEIGHT	16.35 lbs per 1000 sq ft roll	29.95 lbs per 1000 sq ft roll
TENSILE/TEAR STRENGTH	Length: 2.32 pounds force Width: 1.50 pounds force ASTM D2261-07a	Length: 24.59 pounds force Width: 21.49 pounds force ASTM D2261-07a
PLIABILITY	70°F±5°F & 50±5% Relative Humidity – No Cracking or Delamination ASTM C1313-05	70°F±5°F & 50±5% Relative Humidity – No Cracking or Delamination ASTM C1313-05
ADHESIVE PERFORMANCE	180°F±5°F & 50% Relative Humidity – No Bleeding or Delamination ASTM C1313-05	180°F±5°F & 50% Relative Humidity – No Bleeding or Delamination ASTM C1313-05
FLAME SPREAD & SMOKE	Class A/ Class 1 0 Flame Spread, 10 Smoke Development ASTM Method E84-10	Class A/ Class 1 0 Flame Spread, 5 Smoke Development ASTM Method E84-10
CORROSIVITY	100% humidity at 71±2°C for 7 days PASS ASTM D3310-00	100% humidity at 71±2°C for 7 days PASS ASTM D3310-00
RESISTANCE TO FUNGI	PASS – No Growth ASTM C1338-08	PASS – No Growth ASTM C1338-08
PERMIABILITY	9.6 Perms ASTM E96-05	6.3 Perms ASTM E96-05
THERMAL PROPERTIES	EMISSIVITY: 0.05 REFLECTIVITY: 95% ASTM C1371-04a	EMISSIVITY: 0.05 REFLECTIVITY: 95% ASTM C1371-04a

### TEMPTROL FABRIC® Specifications

PRODUCT	Polypropylene based non-woven, perforated and metalized on 1 side
WEIGHT	4.8 oz per lyd (width: 59")
NOMINAL THICKNESS	10.9 mils ASTM D1777 MOD
TENSILE STRENGTH	47 lb/in width ASTM D751
TEAR STRENGTH	6 lb/in width ASTM D751
PUNCTURE RESISTANCE	17 lbs ASTM D4833
MULLEN BURST STRENGTH	55 psi ASTM D751
LOW TEMPERATURE BEND	131°F PASS ASTM D2136
WTVR	87.5g/m <sup>2</sup> /24hrs ASTM E96
PERM RATING	12.5 perms ASTM E96
FIRE RATING	Class B ASTM E84
THERMAL PROPERTIES	EMISSIVITY: 0.05 REFLECTIVITY: 95% ASTM E408



*Foiling  
the Effects  
of Heat  
and Cold™*