

## FIBERGLASS (MANNIGLAS 2000) ROLLBOARD

### NONWOVEN GLASS-FIBER FOR CRITICAL THERMAL BARRIER APPLICATIONS

#### FEATURES

- Highest UL rating (94V-0) for non-flammability
- Made from electrical grade, non-respirable glass fibers
- Withstands humidity and continuous operating temperatures, up to **1200° F** without shrinkage
- Dimensionally stable and easy to die cut into intricate shapes with narrow spans
- Flexible enough to conform to a 90° bend. Easily compressed to form a seal while maintaining enough rigidity to be self supporting
- Low chloride level and high inorganic content

#### APPLICATIONS

- Laminated to foil to create a thermal shield
- Used as thermal insulation where space is at a premium
- High temperature seals and gaskets
- Coated with PSA and slit into strips to be used as seals and thermal breaks
- Laminated or mechanically attached to other substrates to create unique thermal solutions

Material Properties	English Units	2000 Rollboard			
		51" x 75 ft (SPLIT ROLL) OR 51" x 375 ft (MASTER ROLL)			
Roll Size		51" x 75 ft (SPLIT ROLL) OR 51" x 375 ft (MASTER ROLL)			
Thickness	inch	0.03	0.06	0.125	0.250
Measurement Gauge	psi	7.3	7.3	0.5	0.5
Basis Weight	lb / ream*	79	162	213	441
Density (post compression)	pcf	11	11	7	7
Tensile Strength	lb / in				
Machine Direction		14	30	40	80
Cross Direction		11	30	30	70
Ash	% by wt.	94	94	94	94

\* ream = 2880 ft<sup>2</sup> = 320 yd<sup>2</sup>

Thermal Conductivity	
Temperature (°F)	BTU-in/hr-ft <sup>2</sup> -F
75	0.205
250	0.269
500	0.400
750	0.635

THE INFORMATION PRESENTED IS INTENDED AS A SPECIFICATION GUIDE ONLY. MATERIALS SHOULD BE TESTED FOR ITS SUITABILITY IN ANY APPLICATION. USERS SHOULD ALSO FAMILIARIZE THEMSELVES WITH THE MSDS BEFORE HANDLING. NO WARRANTIES ARE EXPRESSED OR IMPLIED AS APPLICATION CONDITIONS ARE BEYOND OUR CONTROL.