



TECHNICAL DATA

Appearance	Sheet Lamination	
Color	Gray	
Curing Mechanism	Ultra Violet (UV), Natural or UV Lamp	
Material Thickness	1/16" Nominal (.067 inch— .075 inch)	
Weight	.64 lbs. sq. ft. (2.9 kg/ m²)	
Technical Data	Test Methods	
Tensile Strength	7,980 PSI (55 Mpa)	BS 2782 bis 1994
Flexural Strength	18,900 PSI (130 Mpa)	ASTM D 790-03
Flexural Modulus	867 PSI (5.98 Mpa)	ASTM D 2344
Elongation at break	>3%	BS 2782 bis 1994
Coefficient of Thermal Expansion	2.9°10⁻⁵K⁻¹	ASTM D 696-03
Impact Resistance	28.6 ft-lb / In (60kJ/m²)	BS EN ISO 180
Hardness	60 Barcol	ASTM D 2583
Compressive Strength	29,000 PSI (200 Mpa)	ASTM D 695-2002
Adhesion to C-Steel	96.6 PSI (14 Mpa)	ASTM D 4541-02
Water Vapor Permeability	0.28 g/m²/24h/mmHg	ASTM E 96
Heat Distortion	293 F (145 C)	ASTM D 648
Fire Rating	Class 1	BS 476 pt7: 1997 ASTM 84
Flash Point	89.6 F (32 C)	ASTM D 93

ELECTRICAL PROPERTIES

Dielectric Strength	9 kV/mm	IEC 243
Arc Resistance.	>180 sec.	ASTM D 495
Tracking Resistance: >600 V	> 600 V	IEC 112
Insulation Resistance	10 to the power of 13 ohms	IEC 93

PHYSICAL - CHEMICAL PROPERTIES

Heat Resistance	Wet: 194 F (90°C)	Dry: 392 F (200°C)
Chemical Resistance	Good.	