

LEXAN® ROLLS POLYCARBONATE

LEXAN® Rolls Polycarbonate provides the flexibility with length as well as the usual characteristics of strength, clarity and impact resistant of Polycarbonate. Lightweight and stronger than glass, these rolls are ideal for glazing, protective barriers, signage, machine guards and architectural applications. Available in 4.5mm thick, **LEXAN® Rolls Polycarbonate** can be cut, formed and fabricated with ease.

KEY FEATURES

- Length flexibility (up to 90m)
- Impact resistant & lightweight
- UV protection & weather-resistant
- Excellent clarity & resists yellowing
- Thermoformable & easily fabricated
- High chemical & abrasion resistant

PRODUCT APPLICATIONS

- Protective glazing
- Security glazing
- Machine guards
- Safety shields
- Signage & display

COLOURS



Coloured swatch may not represent physical product.

PROPERTIES

GENERAL		RESULTS
Weight		5.4kg/m ²
Density		1.2g/cm ³
Water Absorption (24hrs)		0.15-0.2%
Moisture Absorption (Saturation)		0.5-0.6%
Cleaning:	Warm soapy water & soft cloth	
MECHANICAL		
Tensile Strength		55-65MPa
Flexural Strength		85-100MPa
THERMAL		
Continuous Service Temperature		-40-115°C
Vicat Softening Temperature		147-150°C
Co-Efficient of Thermal Expansion		6.5x10 ⁻⁵ /°C
Heat Deflection Temperature		125-135°C
Thermal Conductivity (W/m·K)		0.19-0.22

PRODUCT RANGE

COLOUR	GAUGE	SIZE
Clear SGC308 Matte	4.5mm	2540mm Wide
Length up to 90m		

