



PRISMATIC DIFFUSER SHEETS

Prismatic Diffuser Sheets have excellent light transmission and UV resistance. Our sheets are manufactured from acrylic and are the industry benchmark for fluorescent light diffusion. Easy to cut-to-size and install. Our panels reduce glare, provide pinpoint brightness and enhance visual comfort.

KEY FEATURES

- Light diffusing panels
- Excellent UV resistant
- Lightweight
- Easy to cut & install

PRODUCT APPLICATIONS

- Office environment
- Retail fit-outs
- Illuminated ceilings
- Laboratories & computer rooms
- Schools & government buildings

COLOURS



Coloured swatch may not represent physical product.

PROPERTIES

GENERAL		RESULTS
Weight (3mm)		3.6kg/m ²
Density (ISO 1183)		1.18g/cm ³
Water Absorption (ISO 62)		0.2% (24H)
Moisture Absorption (ISO 62)		0.5-0.6%
Cleaning:	Warm soapy water & soft cloth	
MECHANICAL		
Tensile Strength (ISO 527)		60-70MPa
Flexural Strength (ISO 178)		90-120MPa
THERMAL		
Vicat Softening Temp (ISO 306)		98-105°C
Heat Deflection Temp (ISO 75)		90-94°C
Co-Efficient of Thermal Expansion		7x10 ⁻⁵ /°C
Thermal Conductivity (W/m·k) (ISO 11359)		0.18-0.21

PRODUCT RANGE

COLOUR	GAUGE	SIZE
Clear Pattern 12	2.5mm	1190x290mm
	2.8mm	1220x610mm
	3mm	2440x1220mm 2540x1270mm
Clear Pattern 15	4.4mm	2440x1220mm
White Louvre*	8mm	1210x600mm

*Lead times may apply

