

AcryliFlex X is an extruded acrylic sheet. The material is ideal for applications where a highly durable, transparent surface is needed. The lightweight acrylic sheet is ideal for applications such as POP displays, retail signage, desk top protection and cabinet fronts, sneeze guards, protective barriers and protective dividers. AcryliFlex X provides excellent durability and versatile. The material is available in thicknesses ranging from 3.0mm – 9.5mm. Available in sheets 4' x 8'.

Material Details

PHYSICAL PROPERTIES	METRIC	ENGLISH
Specific Gravity	1.20 g/ cm ²	
Rockwell Hardness	M-100	
Tensile Strength	≥ 70 Mpa	0.00001015 psi
Modulus of Elasticity	≥ 3030 Mpa	0.00043946 psi
Elongation at Break	≥ 4%	
Flexural Strength	>107 Mpa	
Refractive Index	1.49	
Heat Distortion Temp	100°C	212°F
Vicat Softening Point	°C > 105	
Water (24hrs) Absorption	0.20%	

Applications

	POP Displays	Barriers/ Divides	Indoor signage	Outdoor signage
Applications	■	■	■	■

Ink Printability

Solvent	Eco Solvent	UV	Latex	Screen Printing	Dye Transfer	Dye Direct
		■		■		

Available Thicknesses

Metric (m)	English (inches)
3mm, 4.5mm, 5.6mm, 6.0mm, 9.5mm	0.118in, 0.177in, 0.220in, 0.236in, 0.375in

The information on physical and chemical characteristics is based upon tests believed to be reliable. The values are intended only as a source of information. A legally binding guarantee of specific properties is not to be inferred from our specifications. They are given without guarantee and do not constitute a warranty. The purchaser should independently determine, prior to use, the suitability of the material for his/her specific purpose. (Data represents averages and is not intended for use as a specification.)