



Polycast



Cast Acrylic Sheet

United States manufactured cast acrylic sheet made to the highest standards. Major supplies to the following industries - aerospace, transportation, security, optics and acrylic furniture manufactures.

Thickness range:	.060 to 4.25"
Size range:	36' x 48" to 75" x 100"
Color range:	(See color chart)
Product range:	Poly A Poly II Poly 76 Poly 84 Polycast MP 1.25 Polycast Solacryl SUVT

Chemical Resistance

Polycast acrylic sheet has excellent resistance to many chemicals. However there are chemicals which attack it in varying degrees. Polycast acrylic sheet is not attacked by most foods and foods are not affected by it. Silicone compounds cannot be cleaned or removed from acrylic.

Polycast acrylic sheet resists:

- Solutions of inorganic alkalies such as ammonia
- Most dilute inorganic acids
- Aliphatic hydrocarbons such as hexane and VM&P naphtha

It is attacked by:

- Aromatic solvents such as benzene and toluene
- Chlorinated hydrocarbons such as methylene chloride and carbon-tetrachloride
- Ethyl and methyl alcohols
- Some organic acids such as acetic acid
- Lacquer thinners, esters, ketones and ethers
- Concentrated inorganic acids and other oxidizing agents