

ACRYLITE® Satinice

Sheet and tube

Product

Elegant and captivating, the suite of ACRYLITE® Satinice acrylic sheet and tube products stimulate the imagination. The subtle surfaces and impressive array of colors open the door for inspiration with sumptuous textures that will enhance any environment with beauty as well as durability.

Resistant to traces of wear and finger marks, these products are technologically developed to also have the perfect balance between transmission and diffusion. ACRYLITE® Satinice is designed to enhance virtually any environment with light and brilliance.

Applications

ACRYLITE® Satinice offers excellent solutions for the following applications:

- decorative glazing, privacy partitions, shelves, furniture, POP, retail/store fixture displays and exhibition booths
- wall paneling in architectural applications
- white/translucent grades as covers for lamps and skylights (especially OD010 DF)
- tubes as luminaires or lighting elements



Fabrication

ACRYLITE® Satinice can be fabricated just like ACRYLITE® acrylic sheet and tube. The following fabrication briefs are available for ACRYLITE®:

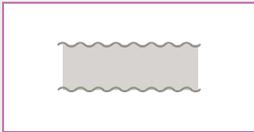
- Machining (tech brief 11)
- Thermoforming (tech brief 10)
- Cementing (tech brief 8)
- Handling & Maintenance (tech brief 1)

Properties

ACRYLITE® Satinice offers the following unique features:

- white grades with varying degrees of light diffusion
- balanced ratio of light diffusion and transmittance
- resistant to traces of wear
- excellent light transmission and brilliance
- 100% recyclability
- very high weather resistance
- easy fabrication
- light weight – about half the weight of glass
- 11 times the impact strength of glass
- some grades meet food contact requirements

Surfaces and other properties of the various products:



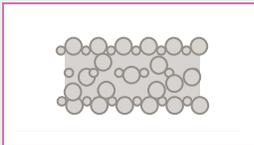
sheet – velvet texture, cast (formerly P95/DP9)

- velvety frosted surface on one or both sides
- light diffusing
- extremely easy to machine and fabricate
- wide range of thicknesses and colors available
- fingerprint and scratch resistant surface



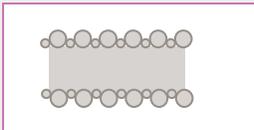
tube – satin texture, optimal light diffusion, extruded

- soft frosted surface
- light diffusing beads evenly distributed throughout material
- UV resistant and perfect for any lighting design
- suitable for food content



sheet – satin texture, optimal light diffusion, extruded (formerly Satin Ice)

- soft frosted surface
- light diffusing beads evenly distributed throughout material
- texture is retained after thermoforming
- excellent balance between light diffusion and light transmission (up to 89%)
- fingerprint and scratch resistant surface



sheet – crystal surface, extruded (formerly Crystal Ice)

- more durable textured surface
- excellent thickness tolerance
- texture is retained after thermoforming
- texture on surface – clear throughout
- fingerprint and scratch resistant surface



Physical forms

ACRYLITE® Satinice is available in the following standard sizes/thicknesses and colors.

Other sizes/thicknesses and colors may be available. Minimums may apply.

ACRYLITE® Satinice sizes

Description	Size	Thicknesses	Colors
velvet texture, very fine satin surface, cast	79.9" x 120"	.236"	1H17 DC Sunshine 2H12 DC Pumpkin 3C04 DC Strawberry 4H01 DC Plum 5C01 DC Sky Blue 5H74 DC Laguna 6H07 DC Kiwi 6F20 SC Glass Green 2H08 DC Mandarin 3C01 DC Cherry Red 3H12 DC Tomato 4H12 DC Lollipop 5H09 DC Pacific 6C03 DC Green 6H55 DC Grass 9H01 SC Black
velvet texture, very fine satin surface, cast	48" x 96" 79.9" x 120"	.118" – .472"	WH02 DC Coconut WH02 SC Coconut WH26 DC Cloud WM30 SC White WM32 SC White 0F00 DC Colorless 0F00 SC Colorless
satin, optimal light diffusion, extruded	49" x 97"	.118" .060" – .472"	5D004 DF Light Blue 5D005 DF Medium Blue 6D001 DF Light Green WD008 DF White 0D010 DF Colorless 0D002 DF Colorless
crystal, medium texture extruded	49" x 97"	.236" .118" – .354"	6M020 SC Green 5M022 SC Blue 0M001 DC Colorless 0M001 SC Colorless
satin, optimal light diffusion extruded tubes	2" – 12" OD 6' & 8' lengths	(wall) .118" – .236"	WN970 White WH006 White 0D010 DF Colorless

DC texture surface on both sides; SC texture surface on one side

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