

Technical information

ACRYLITE® cast acrylic

UV filtering (OP2)/ UV filtering mar resistant (OP2 MR)

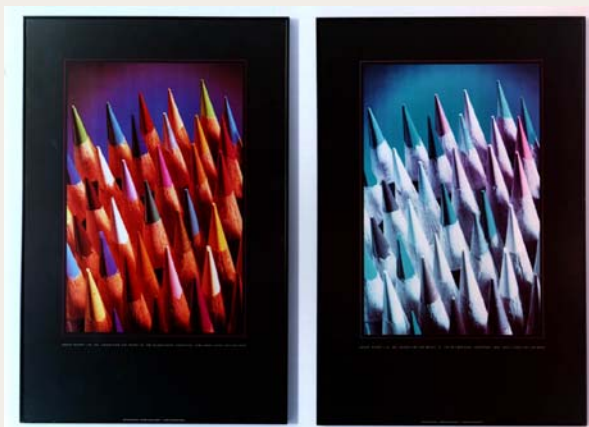
Product Description

ACRYLITE® UV filtering (OP2) acrylic filters the highest level of damaging UV light (200–400 nanometers) and offers excellent light transmission in the visible range between 400 and 700 nanometers. The proprietary technology of ACRYLITE® UV filtering (OP2) eliminates the objectionable “yellow tint” evident in other UV filtering products. It can be easily fabricated, thermoformed, cold-formed, screen printed and painted. ACRYLITE® UV filtering (OP2) is guaranteed against defects or your money back.

ACRYLITE® UV filtering mar resistant (OP2 MR) acrylic sheet combines abrasion and chemical resistance with these same UV filtering properties to minimize marring caused by public contact and frequent cleaning.

Protection

ACRYLITE® UV filtering (OP2) is produced using our propriety formulation. This material is superior to other glazing materials for maintaining its clarity, even after years of exposure to sunlight and weather. ACRYLITE® UV filtering (OP2) has been exposed to EMMA-QUA and XENON accelerated weathering for an equivalent time period of 15 years with no appreciable loss of its UV filtering capabilities.



Both framed piece were exposed indoors for two years in direct sun daily for two hours. The left is framed with ACRYLITE® UV filtering sheet and the right is framed with glass.

Glazing

ACRYLITE® UV filtering (OP2) acrylic sheet provides superior protection as compared to conservation glass. It protects cherished art, photographs and memorabilia against fading and yellowing caused by UV light.

ACRYLITE® UV filtering mar resistant sheet (OP2 MR) offers the same level of UV protection and also resists scratching and the dulling effects of alcohol and ammonia cleaners. Known for its outstanding optical quality and clarity, ACRYLITE® is half the weight of glass and many times more shatter resistant making it the perfect choice for treasured art and artifacts.



Affordable Security

The high impact strength of ACRYLITE® UV filtering (OP2) acrylic guards your exhibits from direct physical intrusion. All this protection comes affordably priced, so you can protect your treasures without damaging your budget.



Fabrication

ACRYLITE® UV filtering (OP2) can be cut, drilled, routed thermoformed, cold formed, screen printed, and painted. Edges can be mitered and cemented for strong nearly invisible joints requiring no framing. The crystal clarity of ACRYLITE® UV filtering keeps the viewers attention on the exhibited object, not the protective enclosure.

ACRYLITE® UV filtering (OP2) can also be used to replace or overglaze existing window or skylight glazings. In this way, destructive ultraviolet radiation from sunlight is virtually eliminated from any room. And, because of the high visible light

transmission, there are no significant losses of natural lighting or visual clarity.

ACRYLITE® UV filtering (OP2) has a pleasing blue-green tinted edge, similar to high quality glass, so even the visual aesthetics of ACRYLITE® UV filtering (OP2) acrylic surpass the others.

ACRYLITE® Specialty Acrylics for Preservation, Security and Visual Elegance

ACRYLITE® UV filtering (OP2/OP3) sheet

Filters the highest level of damaging UV rays

ACRYLITE® UV filtering mar resistant (OP2 MR/OP3 MR) sheet

UV filtering and chemical and mar resistant

ACRYLITE® Mar resistant (MR) sheet

Chemical and mar resistant



ACRIFIX® Anti-Static Cleaner

ACRIFIX® AC 1010 antistatic cleaner is the product of choice for maintaining ACRYLITE® sheet. It polishes to a streak-free shine while removing grease and dust, and its non-toxic formula is environmentally friendly. ACRIFIX® AC 1010 cleaner is available in 4 ounce, 16 ounce and gallon bottles.

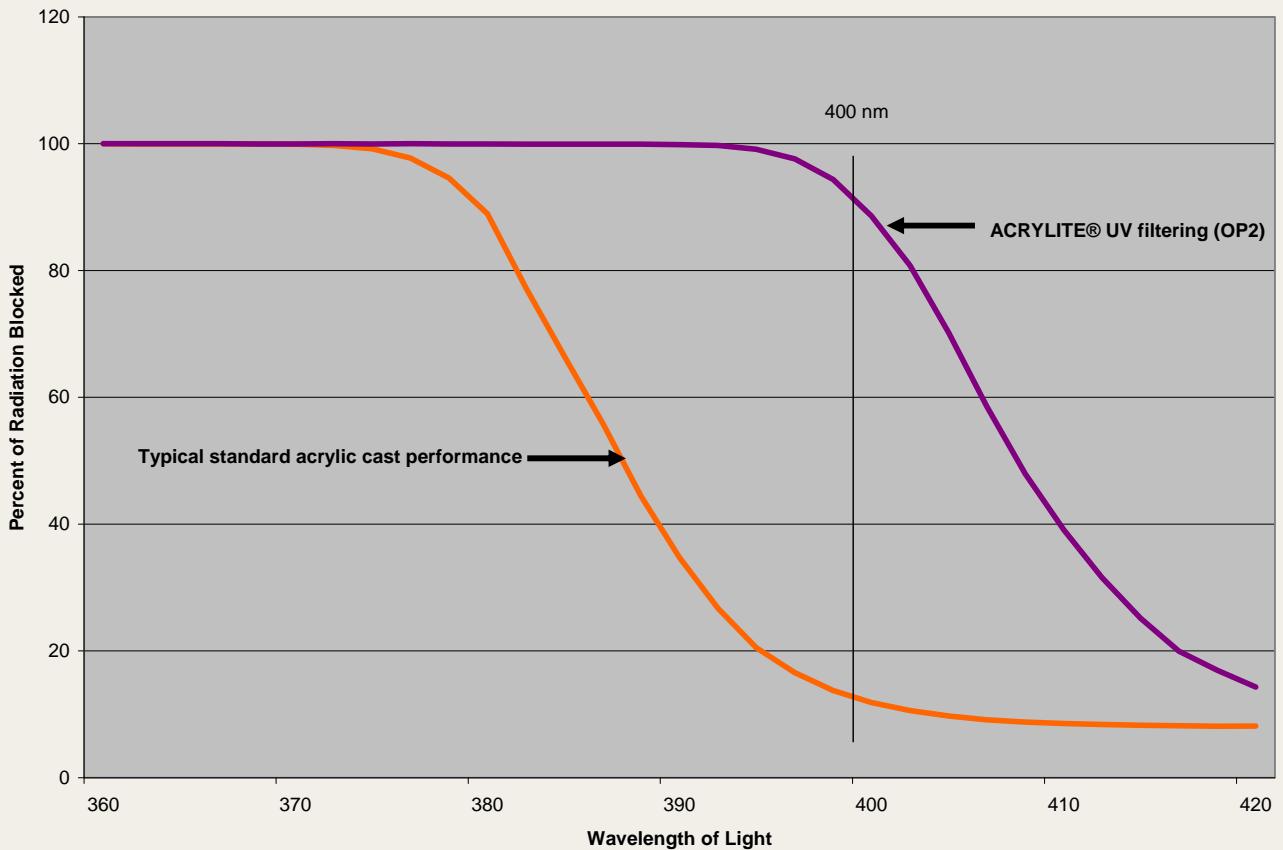
ACRIFIX® Specialty Bonding Agents

ACRIFIX® 2R 0190 Versatile, the quintessential reactive SBA, is viscous, dries clear and bubble-free making it ideal for shadowboxes and vitrines where archival integrity is paramount.

Performance Benefits

Grade	Defect Free	Conservation UV-filtering	Mar Resistant	Thickness	Sheet Sizes*
Extruded					
UV filtering (OP3)	•	•		.090", .098", .118", .177"	48"x 96" 51"x 100" 72" x 96"
UV filtering mar resistant (OP3 MR)	•	•	•	.090", .098", .118", .177"	48"x 96" 72" x 96"
Mar Resistant (MR)	•		•	.118", .177", .220", .236", .354", .472"	48"x96"
Cast					
UV filtering (OP2)	•	•		.118" to .472"	48"x 96" 72" x 96"
UV filtering mar resistant (OP2 MR)	•	•	•	.236", .354"	72" x 96"

* Additional sizes available upon request



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