

Transparent Materials



ACRYLIC SHEET (precision cast)

LUXACRYL®

ANTIFLEX®

FILTERS For electronic displays (for any display in any application)

LUXACRYL®

(precision and standard cast acrylic sheet)

LUXACRYL®

Precision cast acrylic sheet, from 0.2 to 6.0 mm with tolerance of only +/-0.1 mm. Many different colors on stock

LUXACRYL® - IR

Black, **infrared** transmittent LUXACRYL

LUXACRYL® - HT

Cross linked LUXACRYL: increased temperature, chemical, and weather resistance

LUXACRYL® - SP

High quality silver mirror backed LUXACRYL

LUXACRYL® - ST

Standard cast acrylic sheet (DIN 16957) from 3 to 20 mm

LUXACRYL® - ST, mat

Standard cast acrylic sheet: one side mat, recommended for large-scale displays

POLYCARBONATE

POLYCARBONATE

Clear and some tints from 175µm to 10 mm

POLYCARBONATE – STR1

Light diffuser in thickness 0.4 mm

ANTIFLEX®

(cast-in non-glare surface)

ANTIFLEX® - AC

Material: LUXACRYL

ANTIFLEX® - HT

Material: LUXACRYL - HT

ANTIFLEX® - AF

Material: POLYESTER

ANTIFLEX®

(non-glare coating)

ANTIFLEX® - AR3

Material: LUXACRYL with non-glare coating [designed for LCD and TFT displays]

ANTIFLEX® - AR3/2h

ANTIFLEX – AR3, but with scratch resistant hard coating both sides

ANTIFLEX® - AR

Material: LUXACRYL with scratch and chemically resistant hard coating

ANTIFLEX® - AR – PC

Material: POLYCARBONATE with scratch and chemically resistant hard coating, like ANTIFLEX – AR

ANTIFLEX® - AR – PC/h

ANTIFLEX – AR – PC, but with scratch resistant hard coating on rear side

ANTIFLEX® - 2AR3 – PC

Material: POLYCARBONATE with special non-glare coating both sides

ANTIFLEX® - AN

Material: LUXACRYL or POLYCARBONATE with ANTI - NEWTON - coating

ANTIFLEX®

(optical coatings)

ANTIFLEX® - 2MC – AFP

LUXACRYL, but with antireflective multicoating (very low reflectance: <0.5%) and hard coating both sides plus front side ANTI-FINGER-PRINT [ideal for Laser-Scanner applications]

ANTIFLEX® - AR3 / 2MC – AFP

ANTIFLEX – 2MC – AFP but with additional AR3 non-glare coating to reduce glare to an absolute minimum

ANTIFLEX®

(for EMI, RFI shielding with glare reduction)

ANTIFLEX® - 2MC / ITO

ANTIFLEX - 2MC – AFP , but with additional conductive coating both sides (<math><100\Omega/\square</math>)

ANTIFLEX® - AR3 / ITO

ANTIFLEX - AR3 / 2MC – AFP , but with additional conductive coating both sides (<math><100\Omega/\square</math>), [the first hightech acrylic for effective shielding]

ANTIFLEX® - AR – PC / ITO

ANTIFLEX – AR – PC , but with rear side conductive coating ($40\Omega/\square$)

ANTIFLEX® - AR3 / MESH

LUXACRYL with cast-in blackened stainless steel mesh (100 opi)

GLASS WINDOWS

FLOATGLAS

In color clear and a multitude of thicknesses for most economic display windows without glare reduction

FLOATGLAS – L15

FLOATGLAS, but with one side conductive coating ($15\Omega/\square$)

ANTIFLEX® - G – GWxx

FLOATGLAS with one side etched, non glare surface (gloss value from 60 to 100)

ANTIFLEX® - G – GW 80 / L15

ANTIFLEX – G – GW 80 , but with rear side conductive coating ($15\Omega/\square$, gloss value 80)

ANTIFLEX® - G – 2MC

FLOATGLAS, but with antireflective multicoating both sides

ANTIFLEX® - G – 2MC / L15

FLOATGLAS, but with antireflective multicoating both sides plus conductive coating one side ($15\Omega/\square$)

Material Application	LUXACRYL®						ANTIFLEX®														L15									
	LUXACRYL	IR	HT	SP	ST	ST-mat	POLYCARBONATE	POLYCARBONAT-STRI	AC	HT	AF	AR3	AR3/2h	AR	AR-PC	AR-PC/h	2AR3-PC	AN	2MC-AFP	AR3/2MC-AFP	AR3/ITO	AR-PC/ITO	AR3/MESH	G-GWxx	G-GW80/L15	G-2MC	G-2MC/L15	FLOATGLAS	FLOATGLAS – L15	
Filters and Windows																														
1. for electronic displays																														
Glare reduction: none	●		○				●																							●
non glare						○		●	○	○	●	●	○	○	○	○	○	●						●						
AR multicoating																			●	●							●			
Shielding (EMI, RFI)																						●	●	●	●	●	●	●	●	●
Increased Scratch resistance												●	●	●	●				●	●	●	●	●	●	●	●	●	●	●	●
2. for CRT's	●		○					●	○	○	○																			
3. for IR applications	○	●	○																											
4. for Laser-Scanners																			●								●			
5. for large scale displays	●		○			●		●	○	○	●	●	●	●																
Light Scatter filters	○						●																							
Sheets (for model making etc.)	●		○		○		●		○	○																				
Mirrors				●																										

Our Services:

Immediate delivery from extensive stock for any application (see stock list)

Application advice and support with mechanical design, supply of standard sheet or cut to size windows

Coating for different types of materials: hard, non-glare, AR, conductive, Anti-Newton, Anti-Finger-Print

Complex machining to custom design and drawing: milling, drilling, polishing, gluing, molding, printing, assembling, adhesive tapes, and gaskets

Custom production in any color and thickness: cast acrylic sheet in quantities from only 20m² and up

Special coating on plastics and glass as well as on safety glass

CALL FOR DETAILS !