

MAR-CON®

ABRASION RESISTANT POLYCARBONATE

Coated. In Stock. Ready to Ship.

SciCron makes it easier than ever to get abrasion resistant sheet.

Mar-Con® Polycarbonate combines our durable, clear coating with a high-optic grade substrate. It is ideal for applications requiring extra protection against handling and other moderate abuses.

These pre-coated sheets are available exclusively from SciCron and are part of our new stocking program with lower minimums, competitive prices and fast turnaround. Standard sizes are in stock and ready to ship to you in 1-4 days!



ABRASION RESISTANCE

Enhanced resistance to abrasion of the sheet surfaces from cleaning, handling, and defacement efforts.



LOWER MINIMUMS

No need to purchase a whole skid of product. Standard packages as low as 10 sheets!



IN STOCK

Sheets are coated and in stock ready for the customer. No need to wait for the product to be coated.

Contact us today about the new
Mar-Con Polycarbonate Stocking Program.

Mar-Con® Polycarbonate Features:

- Durable, see-through surface
- Improved abrasion and mar resistance
- Strong chemical and solvent resistance
- Excellent optical properties
- Uniform surface treatment
- Outstanding graffiti resistance
- Exceptional impact resistance
- Superior flame spread properties

Typical Applications:

- Vertical shatter resistant windows
- Safety partitions
- Machine guards
- Security glazing
- Inspection windows
- Access panels
- Display cases
- Enclosures
- Doors



abrasion resistant • low minimums • in stock

BENEFITS OF THE MAR-CON® POLYCARBONATE STOCKING PROGRAM:

- Extremely competitively priced
- Available from stock
- Offered in 3 standard packages:
 - 10 sheet skids, ships within 3-4 days
 - Half skids, ships within 2-3 days
 - Full skids, ships within 24 hours

Number of sheets per skid varies dependent on the substrate.

Average full skid for 1/8" is 100-110 sheets, 3/16" is 60-65 sheets, and .220" is 45-55 sheets.

STOCKING PROGRAM AVAILABILITY:

Mar-Con® Polycarbonate comes in clear 48" x 96" sheets - 1/8", 3/16" and .220" thick.

Additional sizes and colors are available outside of the Stocking Program, see below for details.

HOW TO ORDER?

Call us at 800.660.0809 or send an email to sales@sctech.com to place your order today!

TYPICAL PROPERTIES:

Property	Test Method	Units	Mar-Con® Polycarbonate
Physical			
Specific Gravity	ASTM D3363	--	1.20
Taber Abrasion ¹ - Change in Haze	ASTM D1044	%	Less than 4.5
Weighted Steel Wool Rub Resistance ²	Internal	Visual Scratches	Very Light Scratches
Mechanical			
Tensile Strength			9,500
Ultimate	ASTM D638	psi	100
Elongation	ASTM D638	%	340,000
Tensile Modulus	ASTM D638	psi	13,500
Flexural Strength	ASTM D790	psi	340,000
Flexural Modulus	ASTM D790	psi	12,500
Compressive Strength	ASTM D695	psi	16
Izod Impact Strength (milled notch)	ASTM D256	ft-lb/inch of notch	>500 Hrs
UV Exposure	ASTM G154	8hrs UV Exposure, 4hrs Condensation	No Adhesion Loss ΔYL < 3
Thermal			
Deflection Temperature (264 psi load)	ASTM D648	°F	270
Vicat Softening Point	ASTM D1525	°F	310
Maximum Continuous Service Temperature	--	°F	180
Coefficient of Thermal Expansion	ASTM D696	in/in/°F	3.8 x 10 ⁻⁵
Coefficient of Thermal Conductivity	Cenco-Fitch	BTU•in/hr•ft ² •°F	1.35
Flammability			
Horizontal Burn (Flame Spread)	ASTM D635	in/min	Less than 1.0
UL 94 Rating of the Uncoated Substrate	UL 94	UL Classification	V-2 < 0.236 inch V-0 ≥ 0.236 inch
Optical			
3mm Transparent Clear Transmittance - Total	ASTM D1003	%	90
Haze	ASTM D1003	%	Less than 1.0

1. Test conditions - 500 gram load, 100 revolution exposure, CS-10F Calibrase Wheel

2. Test conditions - 14 strokes of #0000 steel wool under a 2 pound (908 gram) rounded point load

Other Mar-Con Polycarbonate Options:

Don't see what you need in the new Stocking Program? SciCron has you covered.

Mar-Con® Polycarbonate comes in a variety of colors and sizes.

Available Colors:

Clear, black opaque, transparent gray and bronze tint.

Standard Dimensions

Thickness: 3mm (1/8"), 4.5mm (3/16"), 6mm (1/4"), 9mm (3/8"), 12mm (1/2")
Min. .004" to max. 1-1/2" also available

Films 10-90 mils also available

Sheet Size: 48" x 96" standard to 76" x 144" max.

Other colors, sizes and thicknesses available upon request.

Save Time & Money

Why Wait? Call today to start saving with SciCron.

800.660.0809

