



# OPTIX<sup>®</sup>

## SIGN SOLUTIONS

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# PLASKOLITE



FOR ALL YOUR

ACRYLIC NEEDS.

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## FROM HUMBLE BEGINNINGS

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Established in 1950, Plaskolite's first success was with the production of plastic drinking straws. Now over half a century later, Plaskolite is a leading manufacturer of acrylic, delivering flawless sheet and resin to customers worldwide. The Plaskolite commitment to quality extends over every aspect of our business. From manufacturing to customer service and innovation, we are equipped to meet all of your design needs.

### INNOVATIONS

- » Expanding offerings through R&D and strategic acquisitions
- » Advancements in high-performance coatings
- » Investment in new technologies

### CUSTOM SOLUTIONS

- » Run-to-Size program offering acrylic sheet based on customer needs, saving time and eliminating scrap and unused inventory
- » Acrylic sheet available in a wide variety of sizes, colors and patterns; custom color matching provides the flexibility to meet your customer's specifications
- » Options for special patterns and thicknesses as well as a variety of performance enhancing hard coatings to choose from

### QUALITY & SERVICE

- » Fully integrated manufacturing system delivering products to customers quickly and efficiently
  - » ISO 9001-2008 quality standards maintained in Ohio manufacturing processes
  - » Knowledgeable sales team ready to provide project-specific product recommendations
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## EXCEPTIONAL VERSATILITY

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Plaskolite's Run-to-Size program means one thing: endless possibilities.

OPTIX is our most multifaceted, continuously processed acrylic sheet. Incredibly versatile, OPTIX is the substrate of choice for signage, point-of-purchase displays and lighting applications, and its high molecular weight allows for ease in fabrication and incredible durability. Impact and weather resistant, OPTIX is ideal for your indoor and outdoor signage, maintaining its luster for years to come.

Our Run-to-Size program provides the flexibility of ordering acrylic sheet to your size specifications, saving time, eliminating scrap and improving productivity.

With OPTIX, the high molecular weight results in a product that has:

- » Cleaner cuts
  - » Flawless routed parts
  - » Superior thermoforming
  - » Improved line bending
  - » Flame-polishing properties
  - » Resistance to crazing
- 

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## SUPERIOR PERFORMANCE

Choose our sign grade OPTIX SG acrylic sheet, ideal for signs and retail displays. OPTIX SG provides outstanding vacuum definition and high optical clarity that will brighten any space. Ideal for signage applications, roll stock offers you unlimited lengths for seamless sign faces and allows for efficient handling and storage.

- » Three grades available in both Flat Sheet and Roll Stock:
  - SG Standard
  - SG05 Medium Impact
  - SG10 High Impact
- » Weatherable and UV Stable
- » Thermoformable



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## LIGHT DIFFUSING INNOVATION

OPTIX LD is a light-diffusing acrylic sheet ideal for signage that incorporates neon, fluorescent and LED light. It eliminates visible hot spots and luminance fluctuations without affecting light transmission properties and is available in a wide range of colors and textures. OPTIX LD is specifically designed for LED channel letters and sign faces.

### AVAILABLE COLORS

» Whites

- 2406
- 2447
- 7328

» Reds

- 2793
- 2283
- 2157

» Blues

- 2114
- 2050

» Yellow

- 2037

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**OPTIX<sup>®</sup>.DA**  
DIGITAL ACRYLIC

**OPTIX<sup>®</sup>.NG-DA**  
NON-GLARE DIGITAL ACRYLIC

**VIVAK<sup>®</sup>**

## DIRECT TO PRINT SUBSTRATES

Our OPTIX DA delivers all the benefits of continuously processed acrylic sheet in a product specially formulated for UV digital printing. With our digital acrylic, vibrant, long-lasting prints can be produced without the tedious task of applying an adhesion promoter prior to printing with UV curing inks.

OPTIX NG DA provides all the benefits of OPTIX DA with a non-glare finish on one side.

VIVAK<sup>®</sup> can be printed using standard screen printing equipment and inks suitable for PETG sheet.

# SPECIALLY FORMULATED FOR PRINTING

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## FABBACK ACRYLIC MIRROR

FABBACK® is a mirrored product made from our OPTIX continuously processed acrylic sheet. Using a process of vacuum metalizing, sheets are given a mirror finish that is protected by the industry's toughest, most durable backing, which guards against scratching during the fabrication process. This level of durability will keep your signs shining for years to come.

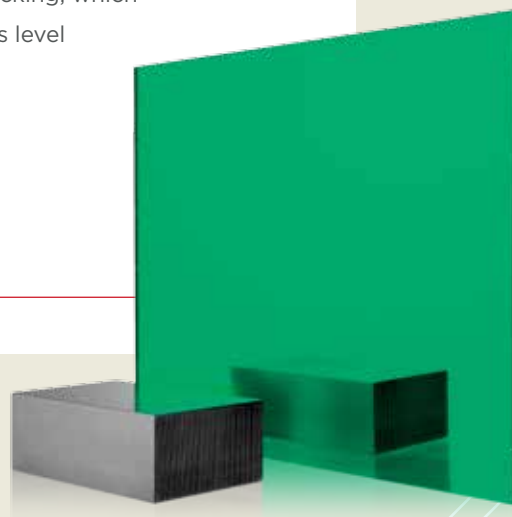
- » Superior reflecting surface
- » Lightweight and shatter resistant
- » Widest selection of colors and textures available

■ 1000 Blue	■ 2064 Gray	■ 2423 Red	■ 1450 Pink
■ 2069 Blue	■ 1119 Orange	■ 2404 Bronze	■ 2120 Teal
■ 2424 Blue	■ 1300 Gold	■ 1600 Bronze	■ 2208 Yellow
■ 1020 Purple	■ 1310 Red	■ 4674 Green	■ 2422 Amber
■ 1050 Gray	■ 1400 Red	■ 2414 Green	

## PERFORMANCE ENHANCING HARD COATINGS

FABBACK® is a mirrored product made from our OPTIX continuously processed acrylic sheet. Using a process of vacuum metalizing, sheets are given a mirror finish that is protected by the industry's toughest, most durable backing, which guards against scratching during the fabrication process. This level of durability will keep your signs shining for years to come.

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**OPTIX<sup>®</sup>** FROST

**OPTIX<sup>®</sup>** NG

**OPTIX<sup>®</sup>** 95

**OPTIX<sup>®</sup>** 99

## NONGLARE FINISH

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We offer an array of continuously processed acrylic sheets with varying levels of glare reduction for your sign design needs.

### OPTIX FROST

- » Features elegant textured surface on both sides
- » Ideal for signage and point-of-purchase displays

### OPTIX NG

- » Available in both heavy matte and light matte finishes
- » Lightweight and shatter resistant, making it a perfect fit for glazing in large frames
- » Ideal for signage, silk screening and point-of-purchase displays

### OPTIX 95

- » Features a matte finish on one side that provides both decoration and reduction in surface reflection
- » Smudge and fingerprint resistant

### OPTIX 99

- » Lightweight and shatter resistant, making it a perfect fit for glazing in large frames
  - » Ideal for signage, silk screening and point-of-purchase displays
- 

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# OPTIX VS

# THE COMPETITION

Sign makers worldwide have used OPTIX products for years for its glass-like qualities of clarity, brilliance, transparency and translucency, at half the weight and up to 50 times the impact resistance. See for yourself how OPTIX compares to other thermoplastic products used in the sign industry.

	PRICE	WEIGHT	DURABILITY	WEATHERABILITY	FORMABILITY	VERSATILITY	COLORS	PATTERNS
OPTIX Acrylic	•	••	•••	••••	••••	•••••	•••••	•••••
OPTIX Acrylic SG Grades	••	••	•••	•••••	••••	•••••	•••••	•••••
Double-Strength Window Glass	•••	•••	••	••	n/a	••	••	n/a
Wire Glass	••	••••	•	•••	n/a	•	••	n/a
Museum Glass	•••••	•••••	•••	•••	n/a	•	•	n/a
Polystyrene	•	••	••	•	••	••	•	••
Polycarbonate	•••	••	••••	•	••	•••	••••	•••

• Substrate scores low  
•••• Substrate scores high

## DISCOVER OPTIX ACRYLICS

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PLASKOLITE, INC.

# MEETING DIVERSE NEEDS WORLDWIDE

With 64 years of dedicated service behind us and an even brighter future ahead, Plaskolite is an American manufacturing success story. We've built our business through steady, long-term growth, bringing you unmatched strength, stability and breadth of product offering. Along the way, we've made strategic acquisitions to ensure that Plaskolite continues to provide the widest range of products with the highest quality.

Plaskolite controls most raw materials in-house and employs a fully integrated manufacturing process converting acrylic monomer into acrylic resin and then into acrylic sheet to provide customers with flawless quality and competitive prices. In other words, you've come to the right place.

## COMPANY PROFILE

- » Founded / 1950
- » Employees / 600

- » Locations /
  - Columbus, Ohio
  - Zanesville, Ohio
  - Compton, California
  - Grand Saline, Texas
  - Olive Branch, Mississippi

- Barrett, Mississippi
- Monterrey, Mexico
- Redlands, California
- Doesburg, Holland
- Malatya, Turkey

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