

THERMOPLASTIC SOLUTIONS FOR MEDICAL AND HEALTHCARE

YOUR CATALYST FOR POLYMER INNOVATION

PLASKOLITE delivers engineered thermoplastic solutions for medical and healthcare applications. From diagnostic devices and protective barriers to equipment housings and cleanroom environments, our products support safety, performance, and regulatory compliance.

Our materials provide exceptional clarity, chemical resistance, sterilization compatibility, and durability for demanding healthcare environments.

PRODUCT PORTFOLIO

PLASKOLITE products support diagnostic devices, medical equipment, healthcare facilities, and laboratory environments.

» OPTIX® MEDICAL POLYMERS AND RESINS

- USP Class VI and FDA-compliant formulations available
- Applications: Cuvettes, connectors, caps, covers, diagnostic devices, prosthetic, laboratory components

» OPTIX ACRYLIC

- High optical clarity and chemical resistance
- Applications: Protective barriers, cleanroom windows, lab signage

» TUFFAK® POLYCARBONATE

- Impact-resistant with FDA-compliant grades available
- Applications: Equipment housings, machine guards, protective shields

» VIVAK® PETG

- Easy to fabricate and sterilization compatible
- FDA-compliant
- Applications: Face shields, partitions, medical enclosures

PLASKOLITE

SPECIALTY APPLICATIONS AND CERTIFICATIONS

PLASKOLITE materials are engineered to meet the demanding requirements of medical and healthcare environments.

» Medical and Regulatory Compliance

- USP Class VI certified formulations
- FDA-compliant grades available
- Medical-grade manufacturing controls

» Optical and Diagnostic Performance

- High optical clarity and light transmission
- Gamma sterilization-resistant grades
- Suitable for diagnostic and analytical devices

» Cleanroom and Protection Applications

- Protective barriers and shields
- Cleanroom windows and partitions
- Equipment and device enclosures

» Custom Development Capabilities

- Medical-grade polymer formulation
- Custom extrusion and fabrication support
- Application-specific product development
- Specialty coatings (abrasion resistant, anti-fog, reduced glare, anti-reflective, mirror)

PERFORMANCE BENEFITS

» Medical and Regulatory Compliance

- FDA-compliant and USP Class VI-certified options available
- Medical and food contact solutions available

- High clarity, impact resistance, and chemical durability

- Sterilization-compatible and recyclable materials

ABOUT PLASKOLITE

Headquartered in Columbus, Ohio with facilities on four continents; PLASKOLITE's mission is to produce innovative engineering thermoplastics the right way; through long-lasting customer relationships, hands-on customer service and responsible manufacturing.

GLOBAL
HEADQUARTERS
COLUMBUS, OH

PRIVATELY HELD
120+ PRODUCTION
LINES

2000+
EMPLOYEES

SUSTAINABILITY COMMITMENT

CONTRIBUTING TO MAKE THE WORLD A BETTER PLACE

We strive to treat our employees, our customers, our community and the world with kindness, dignity and respect. This drives our continuing effort to perform sustainable manufacturing and create products in an environmentally-friendly manner, for generations to come using take back programs, recycling and reuse.



These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use are beyond our control. We recommend that the prospective user determines the suitability of our materials and suggestions before adopting them on a commercial scale.

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PLASKOLITE

400 W Nationwide Blvd, Suite 400
Columbus, OH 43215
800.848.9124 • Fax: 877.538.0754
plaskolite@plaskolite.com
www.plaskolite.com

LNC005_PSK_MED