

THERMOPLASTIC SOLUTIONS FOR DATA CENTERS

YOUR CATALYST FOR POLYMER INNOVATION

PLASKOLITE delivers engineered thermoplastic solutions built for mission-critical data center environments.

From airflow containment and electrical enclosures to ESD-safe glazing and conduit systems, our materials support performance, safety, and scalability with flame-rated options, lightweight durability, and modular-friendly designs.

PRODUCT PORTFOLIO

Engineered thermoplastics supporting airflow management, electrical protection, and static control.

» Polycarbonate (PC)

- MultiWall and Monolithic
- Flame-rated UL 94 V-0 and ASTM E-84
- Clear, light-diffusing, and IR-blocking
- Lightweight, high-impact, and insulative
- Applications: Containment doors, baffles, plenum dividers, ceiling tiles, HVAC shielding, rack doors, partitions, cabinet glazing, overhead panels

» Acrylic (PMMA)

- ICC Certified grades
- ANSI Z97.1 compliant options
- Flame-rated and impact-modified grades
- Applications: Equipment windows, rack viewports, partition glazing, fabricated enclosures

» ABS

- Machinable
- Applications: Structural supports, backing panels, rack-mounted brackets, cabinet cladding

» Polypropylene (PP)

- Chemical-resistant
- UL 94 V-0 and FM 4910
- Applications: Cable trays, ducting, routing components

» High-Density Polyethylene (HDPE)

- Moisture, chemical and impact-resistant
- Applications: Conduit channels, spacers, utility enclosures

» CPVC

- UL 94 V-0 flame-rated
- Chemical, corrosion and heat-resistant
- Applications: Electrical cabinet liners, junction box interiors, plenum baffles, duct covers

» ESD (PC and PMMA)

- Electrostatic discharge performance ($10^6 - 10^9$ ohms/sq)
- Flame-rated options
- Applications: Cleanroom panels, access doors, equipment guards, process windows

» PVC

- FM 4910 and ASTM E-84 Class A options
- Corrosion, heat, and chemical-resistant formulations
- Rigid, structural, and cleanroom-rated
- Applications: Cabinet liners, control panels, plenum walls, cleanroom systems, structural mounting surfaces

SPECIALTY APPLICATIONS AND CERTIFICATIONS

Our innovative performance plastics are tested and certified to meet stringent industry standards, ensuring reliability and compliance, giving you confidence and assurance.

» Fire and Flame Ratings

- UL 94 (V-0, V-2, 5VA)
- ASTM E-84
- ASTM D 635
- EN 13501 (B-s1,d0)
- FM 4910

» Electrical and Safety Performance

- ESD surface resistivity: $10^6 - 10^9$ ohms/sq
- ANSI Z97.1
- ICC certified grades

» Thermal and Optical Performance

- Infrared-blocking options
- Light-diffusing grades
- Good thermal insulation with a low U-factor

» Impact and Durability

- High-impact polycarbonate
- Long-term dimensional stability
- UV-stabilized options

» Customized Solutions

- Optical Molding
- Performance Coatings
- CNC Fabrication
- Profiles
- Recycling Programs

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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