



DATA CENTER AISLE CONTAINMENT

SOLUTIONS

Piedmont Plastics is a premier wholesale distributor of performance plastics designed for data center aisle containment and infrastructure applications.

Across more than 50 North American locations, we provide materials that help improve airflow management, reduce cooling costs, minimize downtime, and support long-term performance.

Available Products

With our extensive inventory and local delivery, Piedmont Plastics supports data center projects of all sizes. Some of our popular materials for data center applications include:

- Twinwall Polycarbonate
- Solid Polycarbonate Sheet
- And Much More

We also supply UL and ASTM E84-rated materials to help meet safety and performance requirements in data center environments.

Value-Added Services

Piedmont Plastics delivers more than materials: we provide the service, scale, and industry expertise needed to support critical data center projects from start to finish.

Our value-added services for data center applications include:

- Cut-to-Size Services
- Run-to-Size Production
- Routing Services
- Machining Support
- Fabrication Assistance
- Local Inventory
- Wholesale Distribution
- Nationwide Stocking
- On-Time Shipping
- Market Specialization



Twinwall Polycarbonate

Lightweight and durable, twinwall polycarbonate is widely used in data center aisle containment due to its excellent thermal insulation, impact resistance, and energy efficiency. Typical applications include:

- **Aisle Containment Systems:** Ideal for hot and cold aisle separation due to its strength, light weight, and ease of installation
- **Ceiling Panels:** Limits heat transfer and improves airflow in contained environments
- **Doors and Enclosures:** Used in framed containment systems where durability and thermal performance are required

Solid Polycarbonate Sheet

Solid polycarbonate sheet provides exceptional clarity, impact resistance, and built-in fire performance, making it a trusted solution for:

- **Aisle Containment Walls and Doors:** Clear panels allow full visibility while maintaining separation between hot and cold aisles
- **Monitoring Equipment:** Enables visual access to equipment, cabling, and airflow without compromising containment
- **Equipment Enclosures and Guards:** Protects sensitive infrastructure while allowing inspection and maintenance



FIND YOUR NEAREST BRANCH
piedmontplastics.com/locations



Piedmont Plastics®