LabFit™ by TrippNT

Why PolyPro?

Polypropylene is a plastic material with many advantages for controlled environments. It is a durable and corrosion-resistant material that is easy to clean.

Featuring the ability to withstand high temperatures and chemicals, polypropylene is an ideal material for a variety of laboratory and medical environments and applications.

Non-Metal Construction
Featuring a welded and non-metal construction, Labfit casework will never rust or corrode. As a flexible, elastic aterial, polypropylene is also resistant to cracking and stress.

Resistant to Chemicals and Corrosion
With high resistance to acids, bases, solvents, and other process chemicals, polypropylene is ideal in harsh environments where regular sterilization is needed.

Easy to Clean and Disinfect
Designed for superior spill containment, these cabinets have high temperature resistance, low moisture absorption, and high tensile strength. Ideal for a wide variety of controlled environments.

Customizable and Easy to Install
Our casework is designed to scale to fit any lab, with standard sizes ranging from 18" to 48" wide. This allows for mixing and matching of drawers, doors, and filler panels to fit any environment. Additionally, all standard cabinets ship fully assembled for easy installation.

Base Cabinets

Standard Dimensions
Height: 29" or 35"
Depth: 22"
Width: 18", 24", 30", 36", 42", 48"

Wall Cabinets

Standard Dimensions
Height: 24" or 30"
Depth: 13"
Width: 18", 24", 30", 36", 42", 48"

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Why PolyPro?

Ideal Environments for Polypropylene Casework

Trace Metal Labs
Acid Digestion
Water Treatment
Semi-Conductors and Microelectronics
Pharma
Biotechnology
Toxicology

Our GuaraNTees

- Will Not Corrode or Swell
- Installer Friendly
- Fast Lead Times
- Will Never Rust
- TrippNT Loves You

Not Recommended with Polypropylene Casework

100% concentration: Bromine Liquid at any temperature
100% Concentration: Chlorosulfonic Acid at any temperature
Chromic/sulfuric Acid at any temperature
Fuming Nitric Acid at any temperature
60% + concentration Nitric Acid at 60°C / 140°F or higher

On Chemical Resistance

Polypropylene offers good resistance to non-oxidizing acids and bases, fats and most organic solvents*
The melting point of polypropylene is 160°C / 320°F
Low temperature threshold: polypropylene becomes brittle below 0°C/ 32°F
It is NOT compatible with strong oxidants.

*Nonpolar solvents such as xylene, tetralin and decalin: can cause break-down of polyproylene at elevated temperatures 120-170°C (248-338°F) but is suitable for applications where intermittent service is involved.

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