

- Thickness (ASTM D1777): ≥ 1.1 mm (Current: 0.22 mm).
- Weight (ASTM D3776): ≥ 250 g/m² (Current: 25 g/m²).

Chemical Resistance

- Household Bleach (100% concentration): Enhanced resistance under ASTM F903.
- NFPA 701 or 2112 (Flame Resistance): Pass with self-extinguishing capabilities.

Enhanced Design Considerations

- Seams impermeable, ultrasonic welding for complete impermeability.
- Integration of antistatic treatments for high-voltage lab environments.