



KYDEX®

AEROSPACE SOLUTIONS

KYDEX® is a high-performance thermoplastic engineered to meet the demanding safety, durability, and design requirements of modern aircraft interiors. Its balance of strength, formability, and compliance makes it a trusted choice for both OEM and retrofit applications.

Why Kydex®

- Excellent thermoformability for complex parts
- High impact resistance and durability
- Consistent surface finish for visible interiors
- Low maintenance compared to traditional materials
- Available in a range of colors, textures, and thicknesses

Typical Applications

- Interior wall panels
- Overhead storage bins
- Tray tables
- Seat components
- Cabin panels and bulkheads

Performance And Compliance

- Meets FAR 25.853 flammability requirements
- Supports FST (Flame, Smoke, Toxicity) compliance
- Lightweight for improved fuel efficiency
- Resistant to heat, moisture, and chemicals
- Strong, durable, and abrasion resistant



Fabrication Benefits

- Easy to thermoform, machine, and route
- Can be molded into intricate shapes
- Suitable for bonding and secondary operations

Partner with Piedmont Plastics for reliable KYDEX® solutions. Contact your local branch to get started!

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Piedmont Plastics®