

Aerospace challenges...



Cargo areas

Moisture

Heat

Vibration

Masking

Composite
bonding

Splicing

and More

3M Specialty Tape Solutions



3M Specialty Tapes offer aerospace solutions from vibration damping to heat dissipation, fine line masking, paint stripping, and more. In the wide line, you'll find metal foil tapes, glass cloth tapes, polyester tapes, and others that can help you meet and resolve many aerospace challenges simply and effectively. For details, call 1-800-3M HELPS, or click at the website.

www.3M.com/industrialtape

3M *Innovation*

A wide variety of technical solutions

Cargo Bay Splicing

3M™ Glass Cloth Tapes 367 and 398 are flame retardant for sealing aircraft cargo areas

- Meet FAR specifications for interior and exterior cargo compartments
- 398FR meets European environmental regulations.

Thermal Shielding Solutions

Isolate temperature-sensitive materials from heat with 3M™ Metal Foil Tape 425, 3M™ Glass Cloth Tape 361, or 3M™ Foil/Glass Cloth Tape 363

- Thermal isolation and flame resistance
- Variety of adhesives for different surfaces and temperature exposures

Vibration Damping Solutions

Reduce structural-borne noise with 3M™ Vibration Damping Tape 2552

- Aluminum foil construction offers...
- Unique viscoelastic polymer that converts structural vibration to negligible heat
- Constraining layer retains handling properties while increasing energy conversion rate

Fine Line Masking

3M™ Vinyl Tape 471 ensures a sharp masking line for painting

- This blue vinyl tape provides...
- Conformability to irregular surfaces
- Easy, clean removal for temporary masking

Composite Bonding Solutions

3M™ PTFE, PTFE Glass Cloth, and Nylon Tapes offer a choice of characteristics for bonding composites

- This line of non-silicone tapes ...
- Provides long lasting performance in high heat
- Eliminates the problems silicone-based adhesives

Paint Stripping Solutions

3M™ Aluminum Foil Tape 425 protects aircraft windows and frames during paint stripping

- Solvent-resistant backing and adhesive
- Easy removal with minimal adhesive residue

Riveting Solutions

3M™ Riveting Tapes hold rivets in place during bucking without backing entrapment

- Center of tape is adhesive-free
- Variety of constructions and widths to meet application requirements

High Temperature Masking

3M™ Polyester Tapes Series 8900 provide choices for reliable masking in the high temperatures of powder coat painting

The line of high temperature resistant tapes offers...

- One piece removal after curing
- Variety of thicknesses and widths to meet application requirements

Moisture Barrier Solutions

Seal seams from the elements with 3M™ Polyester Tapes 850 or 8411

Polyester tapes of various thicknesses and colors provide...

- Low moisture vapor transmission rate
- High tensile strength in a thin material



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