



Science.
Applied to Life.™

3M™ Specialty Tape Solutions

3M™ Aluminum Foil Tape 425

3M™ Aluminum Foil Tape 425 is the go-to foil tape for numerous applications across a broad range of industries. Comprised of a dead soft aluminum foil backing and coated with a highly engineered pressure sensitive acrylic adhesive, it is ideal for heat shielding, heat reflecting, chemical masking, light enhancement, chemical milling, seaming, sealing and de-paint operations.

Key Characteristics

- High thermal conductivity enhances heating or cooling efficiency
- High heat reflectivity and flame resistance protects temperature-sensitive materials against heat and flame damage and hot spots
- Reflect light
- Seal and protect against moisture, solvents and dust
- Resist outdoor weathering and UV degradation for long term performance

Use For

- Heat shielding of delicate parts
- Aircraft chemical paint strip masking
- Refrigerator and freezer copper coil attachment
- Reflective layer for lighting
- Sealing out air and moisture



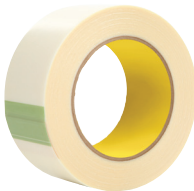
Technical Parameters

Adhesive	Acrylic
Backing	Aluminum Foil
Backing Thickness	2.8 mils (0.07mm)
Total Thickness	4.6 mils (0.12mm)
Temperature Use Range	-65°F to 300°F (-54°C to 149°C)

Specialty Six

Bringing better ideas to the surface
with a wide variety of tape solutions.

3M™ Specialty Tape Solutions meeting application challenges for appliances, aerospace, automotive, construction, MRO, electronics, commercial transport, marine and more.

	3M™ Aluminum Foil Tape 425		3M™ Polyester Tape 850
	3M™ Vinyl Tape 471		3M™ PTFE Film Tape 5490
	3M™ Glass Cloth Tape 361		3M™ UHMW-PE Tape 5423

For more information, call 1-800-362-3550 or visit 3M.com/IATD



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