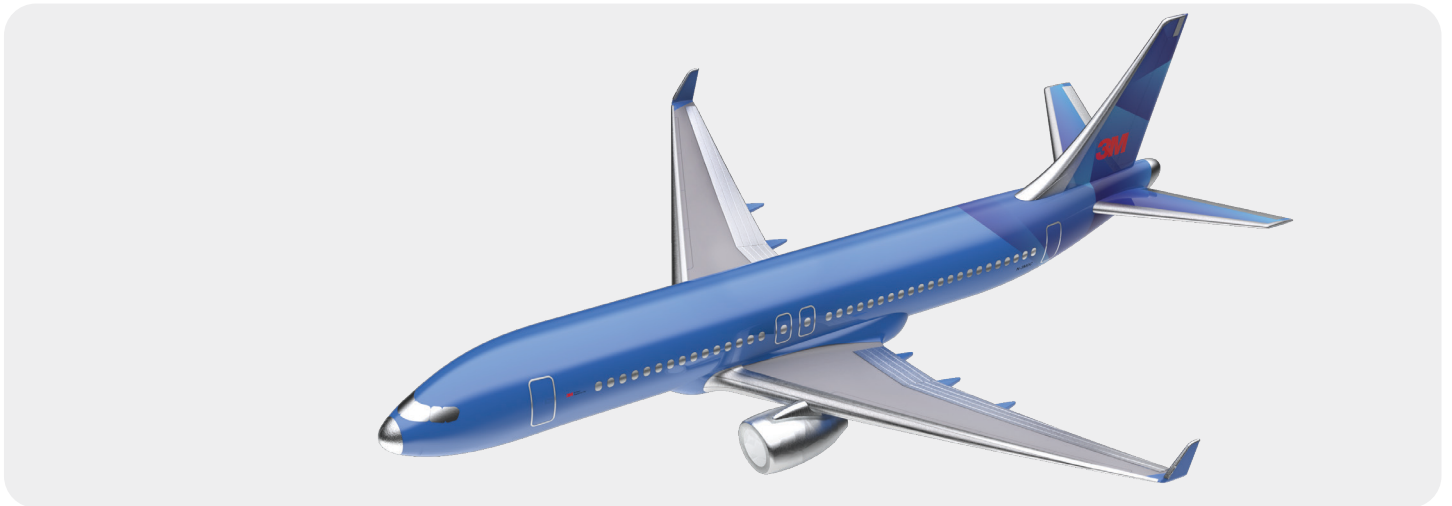


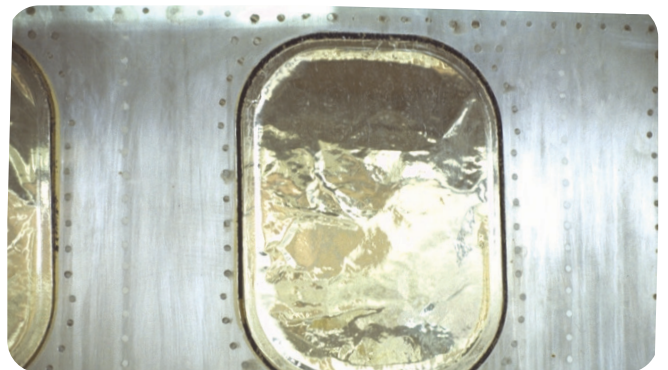
# 3M Application Profile: Paint Stripping



Silver highlights show typical areas where 3M™ Aluminum Foil Tape 425 is used to protect surfaces during the chemical paint stripping process.

## Application Description:

Critical aircraft parts are masked with tape and films for protection against harsh paint stripping chemicals. Paint stripper is applied and allowed to sit and soak for a period of several hours to days. A re-application of stripping chemicals may be required if paint still remains. After processing, tapes are removed, and the plane is further processed for subsequent painting operations.



A close up picture of a window masked off using a die cut of 3M™ Aluminum Foil Tape 425.

## Application Benefits:

- Chemical stripper exposes bare metal parts that are required for accurate heavy check inspection

Key Application Requirements:

- Must be easy to remove with minimal tape slivering or adhesive residue left on surfaces
- Can not provide any damage from leakage to areas/materials that were masked off

Products	
3M™ Aluminum Foil Tape 425	
3M™ Aluminum Foil Tape 427 (lined version of 425)	
Additional Applications	
Aerospace	Masking aircraft windows, composite parts, rubber boots, sealant, gaps, flexible hoses and electrical wiring

Tape Benefits:

- **Minimize rework:** Part protection leads to less rework and labor required to repair surface or the expense of replacing a part
- **Fast, clean removal:** Reduces time required to remove and/or clean surface after use
- **Conformability:** Ability to curve around complex shapes, geometries, and non-uniform surfaces, reaching difficult to mask areas
- **Customizable (lined product):** Able to create part-specific shapes or sizes quickly and easily



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