



Fly High and Dry

A complete portfolio of fluid barrier tapes to protect against corrosion in aircraft interior floor systems

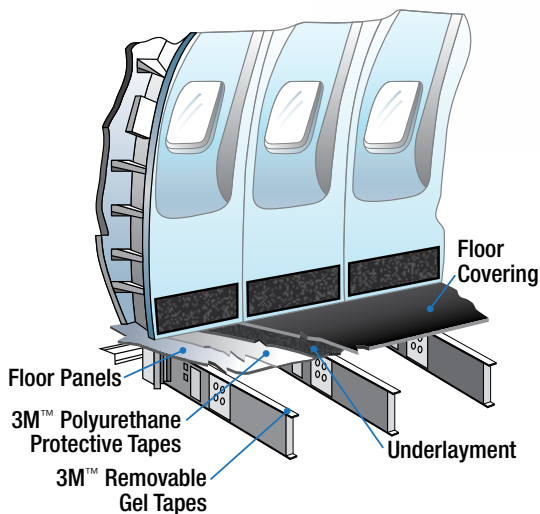


Protection from

Drips, Spills & Leaks



The floors of aircraft entryways, galleys, lavatories and cargo compartments are vulnerable to frequent sources of moisture. Fluids from spills and leaks in these “wet areas” can become trapped beneath floor boards and migrate into the underlying floor beams. The resulting corrosion damage can weaken the entire flooring structure. The aluminum alloys commonly used in commercial aircraft are particularly susceptible to corrosion. And replacing floor panels and beams can cost up to \$100,000 per aircraft, in addition to downtime.



New! 3M Aircraft Interior Corrosion Protection Tapes

These polyurethane and gel tapes protect the boards, joints, seams and beams under high-traffic and wet areas of aircraft interiors. The tapes form durable fluid barriers to prevent moisture and corrosive fluids from penetrating the flooring substructure. Conformable and easy to apply, these tapes provide effective coverage even around contoured areas.

This complete line of corrosion preventive tapes for aircraft interior floor systems is engineered to help reduce maintenance costs, extend service life – and enable safer aircraft.



14CFR 25.853(a) compliant

3M Aircraft Interior Corrosion Protection Tapes are fire-resistant and meet the FAA's newly released flammability test configuration standards for 14CFR 25.853(a) as of August 2012.

New! 3M™ Removable Gel Tapes

These urethane-based gel tapes are designed to simplify elaborate moisture protection systems for aircraft floor beams. They are FR-compliant and formulated for light weight, clean removal and effective sealing on aluminum substrates.

A test for heat aging has demonstrated that even after 49 days in an oven at 130°F – equivalent to over 12 months of natural room-temperature aging – the tapes still remove cleanly.

- Easy removal with little to no residue
- Low water vapor penetration
- No silicone oils to create contamination
- Easy to cut, unwind and apply



3M™ Removable Gel Tape RGT 145 FR

- 43 mil gel adhesive, one-side tacky
- For application in the main cabin
- 2 mil polyester lining allows repositioning on initial installation

3M™ Removable Gel Tape RGT 245 FR

- 45 mil gel adhesive
- Two-side tacky
- For use in cargo areas



3M™ Polyurethane Protective Tapes 8657DL and 8658DL

These dual liner tapes are formulated from extremely tough thermoplastic elastomer coated with a pressure sensitive adhesive. These 3M tapes are FR-compliant, puncture-resistant, highly durable, conformable and easy to apply.

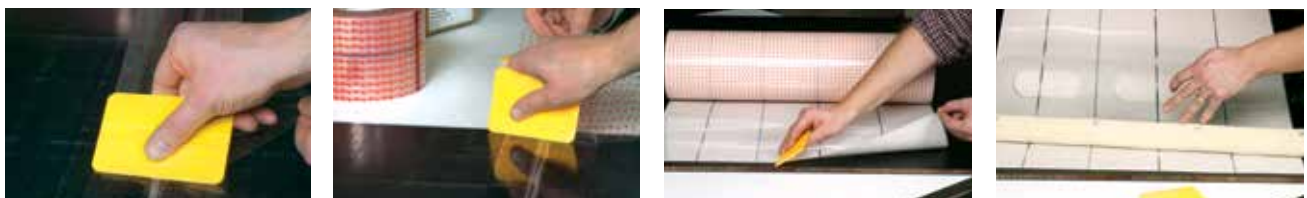
3M™ Polyurethane Protective Tape 8658DL for Seam Sealing

- Covers the seam between floorboard panels
- 6 mil polyurethane backing
- 3 mil pressure-sensitive adhesive
- Transparent to allow visual inspection of sealant



3M™ Polyurethane Protective Tape 8657DL for Wide Area Protection

- Covers large areas of flooring and protects around transitions/terminations
- 16 mil polyurethane backing
- 2 mil pressure-sensitive adhesive
- Creates a “tub” to keep moisture above the floor



Ordering Information

3M Aircraft Interior Corrosion Protection Tapes

Product	Size	Packaging	Billing UPC	3M ID Number
3M™ Removable Gel Tape, 1-side tacky				
RGT 145 FR-1.25	1.25 in. × 4 yds	9/Case	00-048011-98699-9	87-2500-0463-4
RGT 145 FR-2.5	2.5 in. × 4 yds	20/Case	00-048011-98700-2	87-2500-0464-2
RGT 145 FR-2.25	2.25 in. × 4 yds	20/Case	00-048011-98701-9	87-2500-0465-9
RGT 145 FR-3.75	3.75 in. × 4 yds	3/Case	00-048011-98702-6	87-2500-0466-7
RGT 145 FR Misc Custom Size	Custom size	Custom	Assigned Upon Order	87-2500-0467-5
3M™ Removable Gel Tape, 2-side tacky				
RGT 245 FR-0.75	0.75 in. × 4 yds	64/Case	00-048011-98704-0	87-2500-0468-3
RGT 245 FR-3	3 in. × 4 yds	16/Case	00-048011-98705-7	87-2500-0469-1
RGT 245 FR-12	12 in. × 4 yds	1/Case	00-048011-98706-4	87-2500-0470-9
RGT 245 FR Misc Custom Size	Custom size	Custom	Assigned Upon Order	87-2500-0471-7
3M™ Polyurethane Protective Tape for Wide Area Protection				
8657DL	4 in. × 3 yd Sample	1/Case	00-048011-63690-0	70-2022-8016-3
	24 in. × 36 yds	1/Case	00-048011-63691-7	70-2022-8017-1
	Misc. Custom Sizes	Custom	Assigned Upon Order	70-2022-8015-5
3M™ Polyurethane Protective Tape for Seam Sealing				
8658DL	4 in. × 3 yd Sample	1/Case	00-048011-63692-4	70-2022-8018-9
	4 in. × 36 yds	2/Case	00-048011-63693-1	70-2022-8019-7
	Misc. Custom Sizes	Custom	Assigned Upon Order	70-2022-8020-5

Contact your 3M Aerospace Sales Representative for more information.

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These products were manufactured under a 3M Quality Management System registered to the AS9100 standard.



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