

3M Science.
Applied to Life.™

We don't take lightning protection lightly,
**but we do make it
lighter.**

Introducing

**3M™ Scotch-Weld™ Composite
Surfacing and Lightning
Protection Film AF 536.**

The industry is evolving. Everyone is racing to make airplanes lighter, faster, safer and more efficient. Every last detail of your aircraft has to be tuned to help accomplish these goals.

Now you can protect your planes from lightning strikes with a surface protection film that can significantly reduce weight. It features excellent shop handling and conformability for faster application, and it's compatible with existing protection systems.



Up to **30%**
weight saving potential*

**New 3M conductor compared to existing conductor.*



3M™ Scotch-Weld™ Composite Surfacing and Lightning Protection Film AF 536

3M™ Scotch-Weld™ Composite Surfacing and Lightning Protection Film AF 536 is a thermosetting epoxy composite surfacing film for composite structures, available with or without lightning protection conductor. This configuration of resin and conductor provides benefits that go beyond typical lightning strike protection.

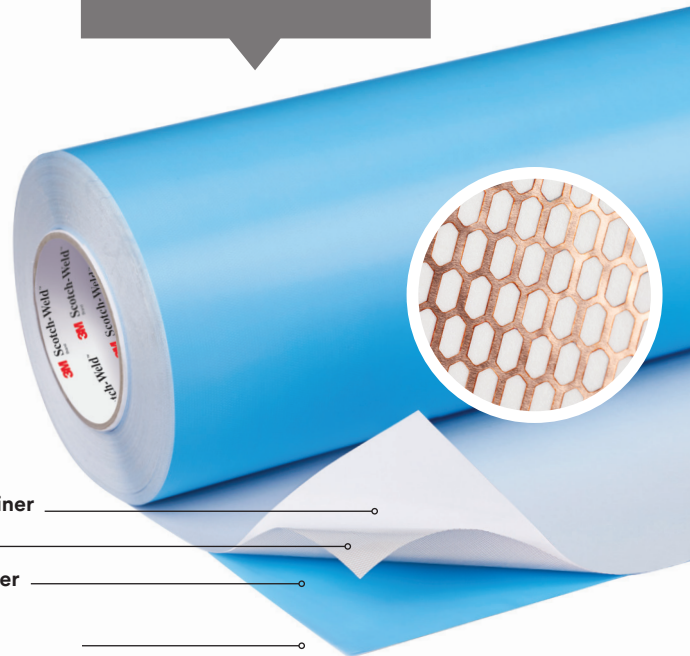
- ▶ Can significantly reduce weight—up to 30%*
- ▶ Conforms to contoured surfaces
- ▶ A broad range of curing temperatures
- ▶ Superior corrosion protection
- ▶ Smooth finish—little to no filling required
- ▶ Resistant to chemicals and paint strippers
- ▶ Micro crack resistant
- ▶ Repositionable
- ▶ Available in multiple configurations with or without conductor

Lightning strike protection simplified. | Contact our team to find the ideal solution for your surface protection needs. 3M.com/AeroCSR



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Up to **30%**
weight saving potential*



Paper Liner _____
 Film _____
 Poly Liner _____

- ▶ Easy to handle
- ▶ Easily wraps around contours
- ▶ No wrinkling of conductor on layup or repositioning
- ▶ Adheres to tools and is repositionable without stretching
- ▶ Poly liner helps reduce contamination

*New 3M conductor compared to existing conductor.

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