



# Aerospace Solutions

## CUSTOMIZED SOLUTIONS FOR YOUR CRITICAL APPLICATIONS

### Sealing Applications

- Cabin interior seals
- Luggage compartment
- Flooring profiles
- Window gaskets
- Doors
- Auxiliary parts



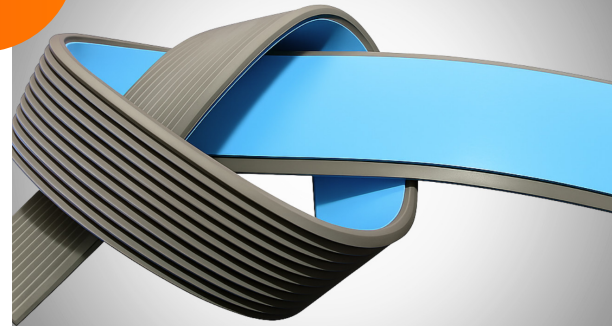
### Tubing Applications

- Auxiliary parts: ex. Resin Transfer Molding (RTM)
- Flying parts: drain tubing, fuel line, aircraft fluid management



### Resin Transfer Molding (RTM)

- Temperature and pressure resistance
  - High temperature: up to 200°C
  - Injection pressure: 25 bar
- Silicone formulation approved by aerospace market
- Safe resin transfer without contamination
- Transparent and flexible:
  - Visual observation of the resin
  - Easy installation on each different machine
- Custom solutions:
  - Complete injection KIT: T connector overmolded and tape marking for an easy installation
  - Braided tubes as an option
  - Different sizes available



### Features and Benefits

- Manufacturing sites in North America and Europe
- Simulation by Finite Element Method (FEM), prototyping/tooling, in-house extrusion tooling manufacturing
- Silicone formulation approved by aerospace market
- Silicone color matching

### Typical Applications

- Doors
- Windows
- Flooring
- Interiors

### Regulatory Compliance

- REACH compliant
- Silicone formulation "Fire & Smoke"



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## Cabin Interior Applications



- |            |                        |            |
|------------|------------------------|------------|
| 1 Panels   | 4 Seats                | 7 Lighting |
| 2 Flooring | 5 Emergency exits      | 8 Ducting  |
| 3 Galleys  | 6 Luggage compartments | 9 Toilets  |



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NOTE: The data and details given in this document are correct and up to date. This document is intended to provide information about the product and possible applications. This document is not the product specification and does not provide specific features, nor does it guarantee product performance in specific applications. Saint-Gobain cannot anticipate or control the conditions of the field and for this reason strongly recommends that practical tests are conducted to ensure that the product meets the requirements of a specific application.

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