



GORE™ SKYFLEX™

AEROSPACE MATERIALS

INSTALLATION GUIDE

Installation Guide for Gaskets

GORE™ SKYFLEX™ Aerospace Materials effectively seal panels and protect against corrosion by minimizing damage caused by vibration and other mechanical forces. They can be installed more efficiently than other materials because they do not require cure time, and they simplify maintenance because the panels can be easily removed for inspection.

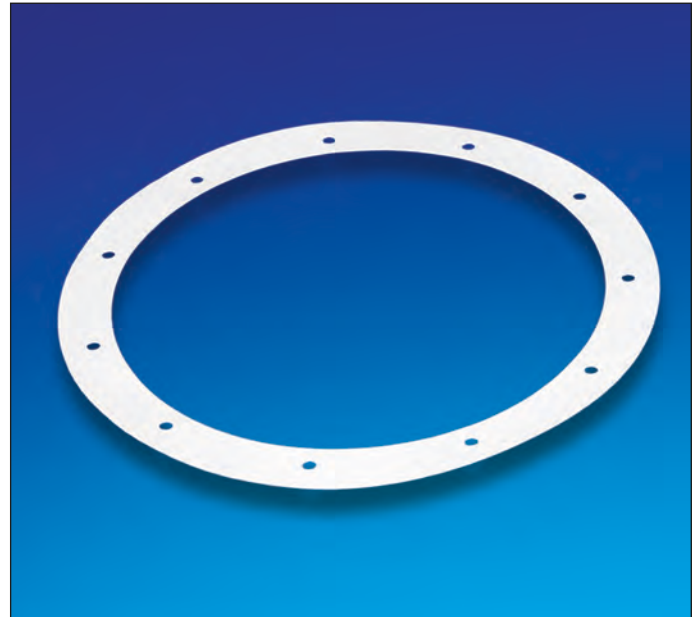
In addition, these materials remain flexible and compliant over multiple open/close cycles, while retaining all of the benefits and features that are critical to ensure the integrity of the application.

The following procedures are based on Gore's best practices for installing GORE™ SKYFLEX™ Aerospace Materials.

Be sure to review the aircraft maintenance manual for procedures approved for your specific application.

Instructional videos are available at:

www.gore.com/skyflex



PREPARING THE PANEL

1. Complete any priming, painting, or treating of the surface prior to installing GORE™ SKYFLEX™ Aerospace Materials.
2. Place the panel on a flat surface to allow free access to all edges.
3. Remove all old tape or other sealing material, and inspect the panel edges to ensure they are not damaged or delaminated. Check your aircraft maintenance manual for guidelines on panel inspection and maintenance.
4. Clean the panel with an appropriate cleaner, such as isopropyl alcohol, and a cloth. Follow your aircraft maintenance manual requirements or company procedures when selecting solvents for removal of existing sealants (Figure 1).

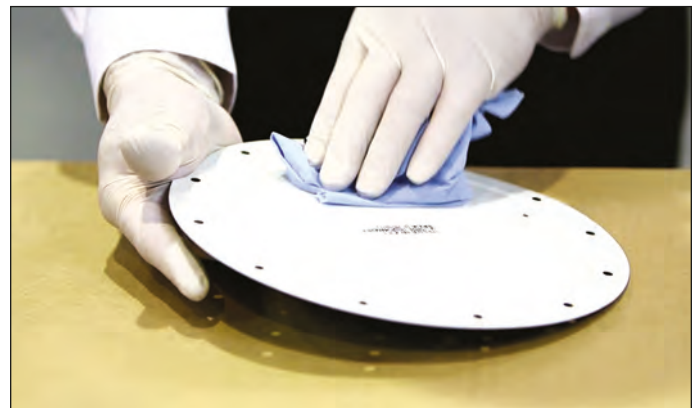


Figure 1: Cleaning the surface



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INSTALLING THE GASKET

1. Check the shelf life and part number of GORE™ SKYFLEX™ Aerospace Materials to ensure that it has not expired and that you are using the proper gasket (Figure 2).

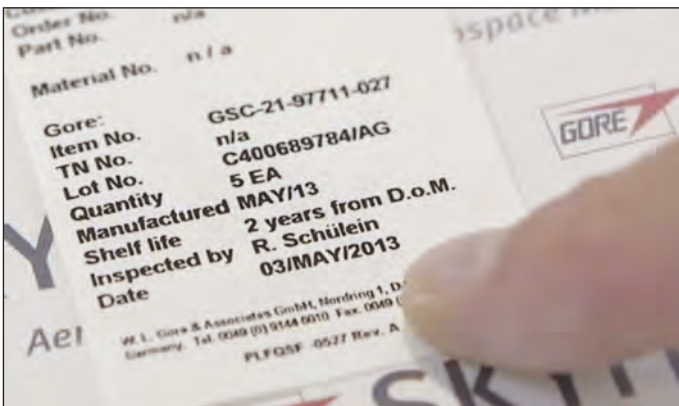


Figure 2: Verifying the shelf life and part number

2. Align the gasket so the holes match the fastener holes on the panel. Lay the gasket flat, without stretching it, and peel off the pressure-sensitive adhesive liner carefully (Figure 3).



Figure 3: Positioning the gasket

3. Apply light pressure to the gasket once it is aligned (Figure 4).



Figure 4: Applying pressure to the gasket

4. Prior to closing the panel, visually inspect the gasket for damage (Figure 5). Refer to the aircraft maintenance manual for inspection criteria and use/re-use cycles.



Figure 5: Inspecting the gasket