





Typical Applications

Fuel Tanks / Wing Seals • Wing Pads • Door / Window Seals • Floor Seals • Thermal Barriers

Limited Access Areas • Large Area Applications • Fastener Covers • Fuel Caps • Custom Seal Caps •

Gap Fillers • Dust Gaskets • Flange Seals

How our process works









Discovery

Working with our team of experts, identify opportunities that benefit from *PPG*ARE 3D printed sealants

Part Design

Using your CAD drawings or our laser scan of the area, we optimize the part design for printing

Prototype Trial

Printed part is fit checked, iterations made, as necessary

Production & Delivery

Produce on-demand, automated production for quick installation

Market validation

C-130J® Super Hercules® Ramp Seals

Manual process vs. automated production

PPG ARE 3D printed sealants provide high precision and consistency. It ensures that every part produced is identical to the original design. Automated production yielded a greater than 30% customer cost savings and 10 times faster installation.







Customer review

"These 3D printed sealants are a game-changer for the C-130J Super Hercules. *PPG ARE* 3D printing is an outstanding example of how manufacturing innovation and evolution combine to deliver affordable, customized and durable components for our operators".

Rod McLean, VP and General Manger of Lockheed Martin's Air Mobility & Maritime Missions





For more information

Please scan the QR code.



PPG's aerospace global capability

Offering a comprehensive range of innovative aerospace products and services for commercial, regional, military, and business aviation. Our network of Application Support Centers (ASCs) are conveniently located to offer global capability from a regional base that improves delivery of our products and brings technical resources closer to you.

Aerospace Transparencies

- Aircraft cockpit and cabin windows
- Canopies
- Dimmable windows and shades
- · Landing light lenses
- Hydrophobic coatings
- UV and solar protection

Transparent Armor and Specialty Products

- Aerospace quality ballistic and blast-resistant transparencies
- Rail, marine and specialty windows
- Urethane interlayers

Aerospace Sealants

- PPG PRC® and PPG ProSeal™ high performance sealants
- Customized sealant solutions

Aerospace Packaging

- PPG Semco® Packaging & Application Systems
- Cartridges
- Nozzles
- Syringes
- Scrapers
- Mixing and dispensing equipment

Aero Services

Chemical management and packaging solutions designed for the aerospace industry

Aerospace Coatings

- High performance primers, topcoats and specialty coatings
- PPG DeSoto®, PPG Deft® aerospace coatings
- Hydrophobic coatings
- UV and solar protection

Surface Solutions

- Corrosion inhibitors
- Adhesion promoters
- Solvent cleaners
- Paint strippers
- Farécla polishes and waxes

Engineered Materials

- Microwave and radar absorbers
- Dielectric materials
- Anechoic chambers
- Expanded metal foils and polymer films
- Micro-perforated foils and performance plastics

Application Support Centers

Local, right-size packaging and distribution network for PPG and third party products

For the aerospace application support center nearest you, please visit our website at www.ppg.com/aerospace

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PRC-DeSoto International, Inc. 12780 San Fernando Road Sylmar, CA 91342 USA Telephone: (818) 362-6711 Fax: (818) 362-0603 Email: ARE-Additive@ppg.com

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