

Customized Sealant Solutions

PRC® Pre-formed Sealant Gaskets and Fillets

PRC® pre-formed sealant gaskets and fillets are cast in custom shapes and sizes to a customer's specification for highly specialized applications. One practical application PPG Aerospace has developed is PRC® Drainblocks for BAE Systems' Typhoon combat aircraft. PRC® Drainblocks are applied in the rear fuselage side structure of the aircraft. Pockets near the engine bay can accrue moisture and water which can lead to a variety of issues. The pre-formed sealant gaskets are designed with holes that are used to drain moisture and water build up during flight in the specific part of the aircraft.

Some of the benefits offered by the Pre-formed Sealant Gaskets are:

- Customized to meet the needs of the customer and as a result are able to address a variety of issues that accompany sealant application
- Since the gaskets are pre-formed, they require minimal tooling
- Requires less wet sealant because the gaskets are already cured



PPG Aerospace is dedicated to working with their customers to design cutting-edge *Customized Sealant Solutions (CSS)* technology to meet the varying challenges manufacturers face.

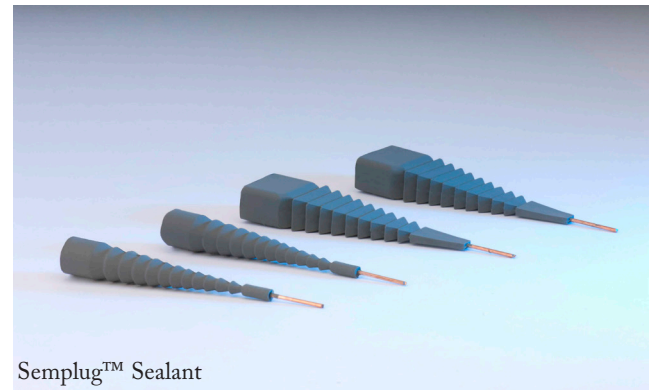
All recommendations, statements, and technical data contained herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. User shall rely on his own information and tests to determine suitability of the product for the intended use and assumes all risks and liability resulting from his use of the product. Seller's and manufacturer's sole responsibility shall be to replace that portion of the product of this manufacturer which proves to be defective. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss, or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements other than those contained in a written agreement signed by an officer of the manufacturer shall not be binding upon the manufacturer or seller.

PRC, Pro-Seal, Semfoam and Semplug are trademarks of PRC-DeSoto International, Inc.

Semplug™ Sealants

Semplug™ Sealants are pre-cast sealants used to seal joggles and structural gaps on aircraft. They are placed in between open gaps on the exterior of the aircraft, then broken off to leave a form-fitting piece of sealant in the joggle. Previously, aircraft manufacturers would have had to create several layers of sealant to seal these gaps. Semplug™ Sealants offer a number of benefits including:

- Decreased application time and tooling.
- Increased quality; the seal created by Semplug™ Sealants is more form fitting than the previous layers of sealants.
- Previously, layers of sealant would have been subjected to sagging in the gaps and joggles. The use of PRC® Semplug™ Sealants reduces the occurrence of this issue.



Semplug™ Sealant

Health Precautions

These products are safe to use and apply when recommended precautions are followed. Before using these products, read and understand the Material Safety Data Sheet (MSDS), which provides information on health, physical and environmental hazards, handling precautions and first aid recommendations. An MSDS is available on request. Avoid overexposure. Obtain medical care in case of extreme overexposure.

For industrial use only. Keep away from children.

Additional information can be found at www.ppgaerospace.com.

