

Access Doors/Seals for Retrofit

CSS 5107-USA

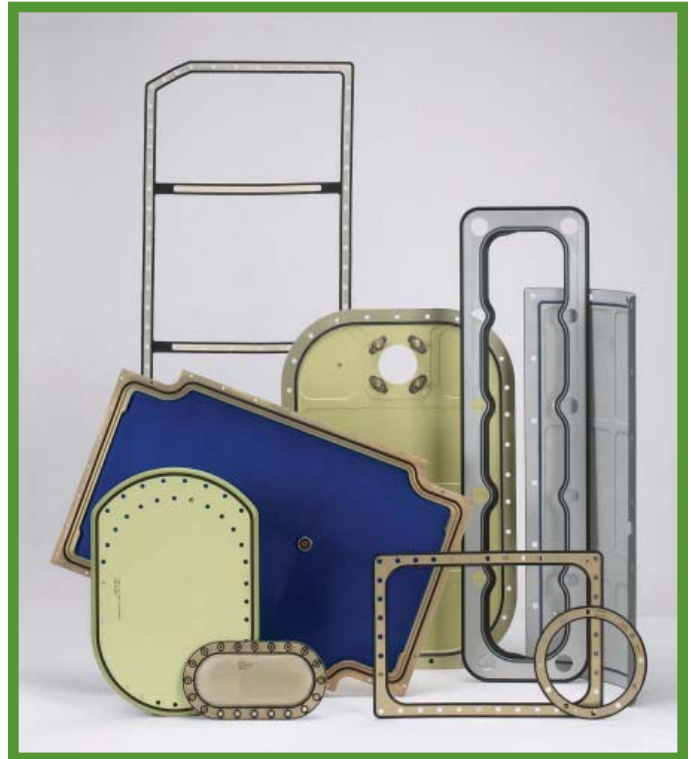
Parker Gask-O-Seals™ and Integral Seals™ retrofit RTV or die-cut gaskets

Providing total sealing solutions for fuel, inspection, electronic, and other types of access doors

Parker has over 50 years of experience in bonding and sealing technology developed expressly for the military and aerospace industries. The CSS Division's products are ideal for quick, easy, and precise installation on the assembly line or in the field.

Parker Access Door Seals can be used in areas that require containment of fuel, mechanical, or electronic systems, including:

- Aircraft, Ships, Ground Assault Vehicles, Missiles



Integral Seal Access Doors

The Integral Seal design eliminates the need for a machined groove in the door. The seal is kept in place by chemically and/or mechanically bonding the elastomer to the retainer edge. Seals can be molded to metal retainers as thin as .025 in (.635 mm). Integral Seals have flexibility to conform to mating surfaces, and require low closure force to seal. And, they can be custom engineered to meet the environmental and pressure sealing requirements on a wide variety of access door configurations.

Gask-O-Seal Access Doors

The Gask-O-Seal is a metal, plastic or composite plate or panel with a machined groove into which a custom engineered rubber element is chemically bonded. This creates a dependable, responsive seal. The rubber element can be molded directly to flat or curved surfaces.

CSS also offers the value-added capability of incorporating various assembly components. Captive screws, flange mounts, insulation, etc. can be designed into an access door/seal.



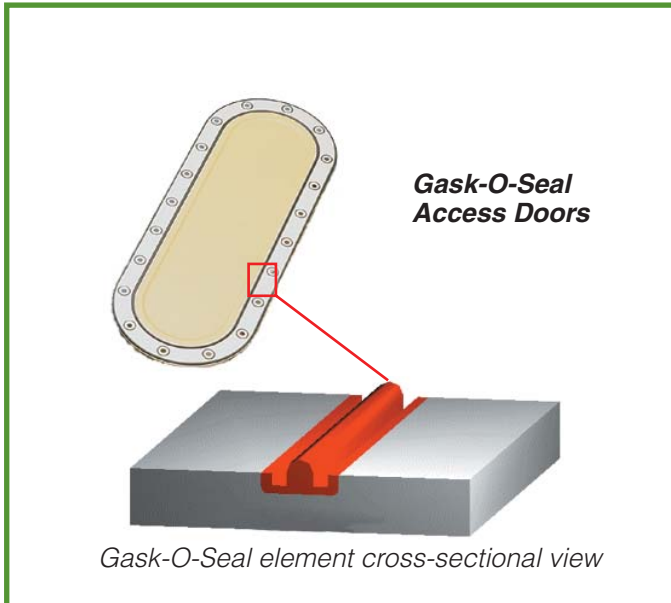
US Navy photo

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Typical Examples

Gask-O-Seals



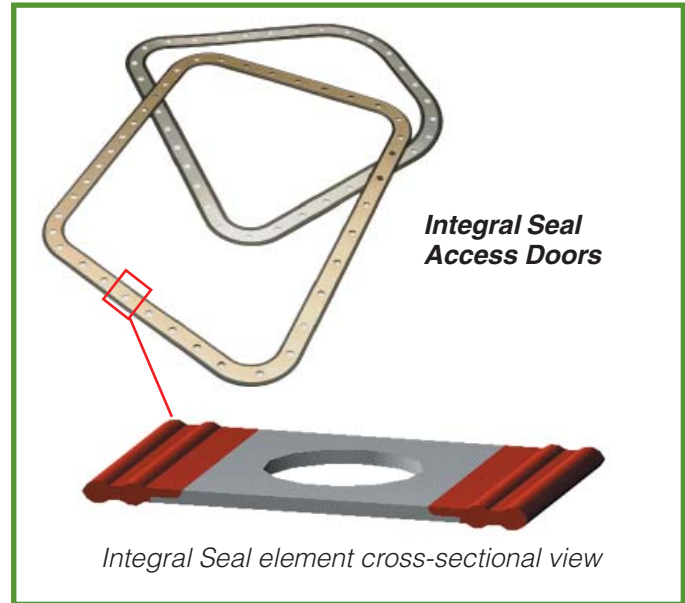
Features

- Rubber element is chemically bonded directly onto access door
- Custom engineered seal cross-section
- Limited area of fluid attack, 25-50% less than traditional sealing options
- Door can be installed directly onto aircraft

Benefits

- Quick & easy installation – a one-piece solution
- Leakproof sealing capability
- Extended service life
- Reusability

Integral Seals



Features

- Rubber element is chemically and/or mechanically bonded to retainer
- Custom engineered design to replace existing seal without replacement of access door
- No cleaning or scraping required for seal removal
- Metal retainer as thin as .025 in (.635 mm)

Benefits

- Quick & easy installation - a one-piece solution
- Direct retrofit capability - no changes required to mating hardware
- Reduced maintenance downtime
- Flexible retainer - easily conforms to contoured surfaces

Please call for further details on availability of elastomers, surface treatments, and retainer materials.

Contact the CSS Division at (619) 661-7000