

Lighter, stronger, faster, smarter, and more reliable

“WE GET IT”

The Aerospace industry is continuously evolving to address today's challenges; achieving greater fuel efficiency, better safety, increased range and higher speed. To meet these new demands, systems and components must be lighter, stronger, faster, smarter, and more reliable.

At Parker Engineered Polymer Systems (“EPS”) Division, our expertise in material science, predictive modeling and customer applications are on the cutting edge.

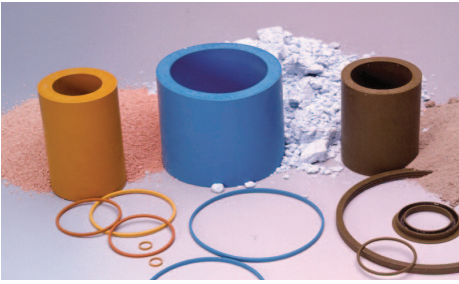
Engineers and designers of aircraft and aircraft systems turn to Parker to achieve new heights in sealing possibilities. We offer customers increased temperature resistance, fluid compatibility, pressure and wear resistance as well as speed to market. Our team of technical experts ‘gets it’ and our track record proves it.

Let Parker be your development resource and preferred component supplier.

Together, we can make it lighter, stronger, faster, smarter, and more reliable — the first time.

The Parker logo consists of a stylized white arrow pointing to the right, followed by the word "Parker" in a bold, white, sans-serif font, all contained within a black rectangular background.

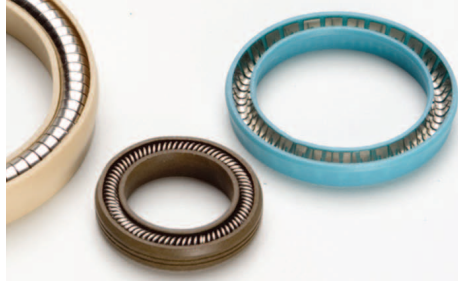
ENGINEERING YOUR SUCCESS.



Polymer Science

Parker is proud to be the industry expert in compound development and material science for all seal materials including:

- **PTFE**
- **Thermoset elastomers (FKM, NBR, HNBR, EP)**
- **Thermoplastic elastomers & polyurethanes (TPE, TPU) including an optical grade polyurethane**
- **Engineered hard plastics and performance resins (PEEK, Hytrel®, Nylon, PAI, PI)**



Product Design

Our product portfolio includes a broad range of validated seal designs. Products include:

- **Flame resistant fire seals**
- **FlexiSeal™ spring-energized PTFE lip seals**
- **Precision aerospace T-seals**
- **Rotary shaft seals, including composite Clipper® Oil Seals**
- **High pressure back-up rings**
- **Long-wearing single- and double-acting PTFE slipper seals and scrapers**
- **High temperature polymer bearings and wear rings**



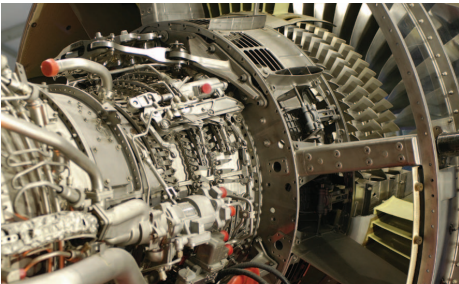
Quality

Aerospace customers demand uncompromising quality and flawless documentation.

“We get it!” – and we deliver.

At Parker, we build quality into each and every product. We employ strict process controls and utilize statistical analysis tools to continuously improve the quality of our products and services with:

- **AS9100 certified facilities**
- **Back-to-birth traceability**
- **Six Sigma & Lean methodologies**



Applications Expertise

At Parker we understand industry trends and work with our customers to develop sealing solutions for applications such as:

- **Airframe**
- **Engine systems**
- **Power transmission, gear boxes**
- **Flight controls**
- **Hydraulics and actuation**
- **Landing gear**
- **Wheel and brake**



Manufacturing

Parker's array of manufacturing facilities provides customers with capacity, flexibility, and processing options. Our manufacturing technologies give customers access to the most cost-effective means to meet their unique product requirements including:

- **Injection molding**
- **Precision machining**
- **Value added services such as: kitting, assembly, leak testing, part marking, packaging**

Aerospace Specifications

Parker designs custom engineered solutions in addition to supplying a broad range of commercial seals and profiles for Aerospace applications. Our products conform to many common industry specifications, including, but not limited to:

AMS3644	AS5861
AMS3651	AS8791
AMS3656	AS9058
AMS3660	ASTM D4745
AMS3670	ASTM D4894
AMS3678	ASTM D5204
AS4716	MIL-G-5514
AS5752	MIL-P-46183
AS5781	MS27595
AS5782	MS28776
AS5857	MS33675
AS5860	

