



ENGINEERING YOUR SUCCESS.

# TechSeal Innovations

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## Large Diameter Seal Rings

Think Big! Think TechSeal!

### Application:

Power Generation Turbine

### Problem:

The customer needed to environmentally seal 60 inch power generation turbine housing. They needed a custom seal cross section and wanted prototypes in a hurry.

### Parker Solution:

TechSeal designed a large diameter spliced seal ring and delivered prototypes in less than two weeks utilizing a flexible extrude and splice manufacturing process.



## Large Diameter Seal Rings

The Parker TechSeal Division's large diameter spliced seal rings are available in a variety of premium Parker materials. Some Key Product Advantages are:

- Custom sizes with minimal to no upfront tooling cost.
- Speed to market
- Available in extremely large diameters.
- Solid and hollow O-Ring configurations.
- Custom geometry

## To Learn More

Request a copy of the TechSeal Division ParFab Design Guide (TSD 5420) or contact a TechSeal Application Engineer.

Parker's TechSeal Division is a leading global provider of precision engineered sealing solutions. We develop strong customer partner-ships by creating value through innovation, dedication and world class quality.

## Contact Information

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## Popular Material Options

Material	Polymer	Key Charecteristics
S7364	Silicone	High Temp silicone rated for service up to 450 F.
S7395	Silicone	This UL94 V0 silicone is ideal for telecommunications and electronics applications.
S7525	Silicone	FDA conforming silicone that is ideal for food processing and handling systems.
E7736	EPDM	FDA & NSF conforming. Ideal for the food, beverage and potable water systems.
V0884	FKM	Brown FKM, low outgasing material idea for vaccum chamber applications.