



JETSEAL SUPER C-SEAL

ENHANCED SPRINGBACK SEALING CAPABILITIES

SUPER C-SEAL APPLICATIONS

- Turbine engine case joints
- Fuel injector nozzle
- Manifold to case flanges
- Hydraulic and pneumatic fittings
- Oil drilling equipment
- Vacuum components and systems
- Cryogenic components and systems
- Cylinder head fire seals
- Lightweight flanges and joints with low bolting loads
- High pressures to 50,000 psid and extreme temperatures range from -320°F to 1300°F

Contact us for a custom sealing solution

METAL SEAL PROFILES

JETSEAL has the largest selection of seal cross-sections in the industry. JETSEAL's goal is to provide our customers with a full line of quality sealing products at competitive prices.

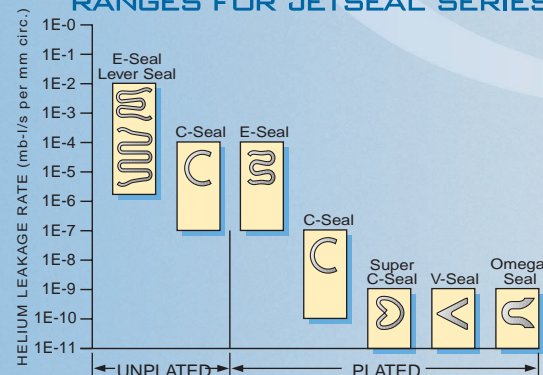
JETSEAL's industry standard seal profiles include:

- **C-Seal** (JC)
- **E-Seal** (JE, JH, JW, JX, JZ)
- **V-Seal** (JV)
- **Omega Seal** (JM)

JETSEAL's patented profiles include:

- **Super C-Seal** (JC)
- **Lever Seal** (LE, LI)

TYPICAL LEAKAGE RATE RANGES FOR JETSEAL SERIES



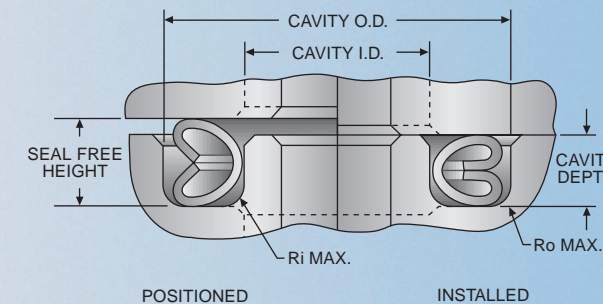
JETSEAL's Super C-Seals can be used in any application designed for the C-Seal where enhanced springback is needed. This one-piece design combines greatly increased springback with higher load for tighter sealing.

SUPER C-SEAL

Available to fit any manufacturer's C-Seal cavity, JETSEAL's Super C-Seal comes in all common C-Seal materials, including alloys 718, X-750, Elgiloy and Waspaloy. The seal's cost is only marginally higher than that of standard C-Seals, considerably lower than that of any other highly resilient seal available.

- No circumferential (high stress plane) welding
- Available in any diameter greater than or equal to 0.750 inches, for both standard and custom cavity dimensions
- Available in nickel and cobalt based alloys and stainless steel
- Available in both internally and externally pressurized versions
- Wide selection of plating and coating materials
- Non-circular geometric shapes

A two-ply Super C-Seal seal variant may also be specified to exclude system media from the inside of the seal, to avoid carry-over at media changes. Both types may also be substituted for metal O-Rings wherever low springback or weld neck-down leakage is causing failures or poor performance. Super C-Seals are produced from cold-forged TIG welded bands and do not require a local sanding operation during finishing.

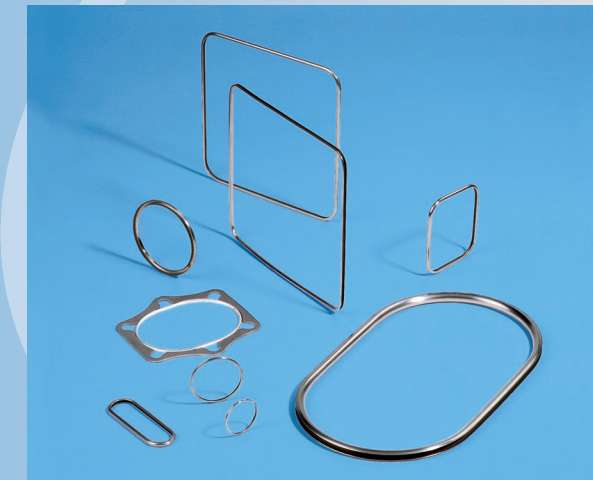


CAPABILITIES

Our in-house engineering and tool making capabilities, coupled with an extensive inventory of raw materials, allow us to quickly complete new designs and specialty parts. Our experience working with engineers early in the design process results in the most cost effective seal solution for a given application.

JETSEAL'S COMMITMENT

- Quality high performance sealing products
- Competitive prices
- Custom sealing solutions
- Shortened delivery times
- Excellent customer service



Jetseal's strong background in the aerospace industry has defined our commitment to excelling in quality.

Jetseal is ISO 9001:2000 and AS9100 certified and capable of meeting high quality and performance standards.

Call us today with your sealing requirements and let us show you how we can provide cost effective solutions!

SUPER C-SEAL
RESILIENT METAL SEALS