



JETSEAL LEVER SEAL

THE ANSWER TO ADVANCED SEALING REQUIREMENTS

LEVER 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 component and systems
- Cylinder head fire seals
- Lightweight flanges and joints with low bolting loads
- High pressures to 10,000 psi 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.

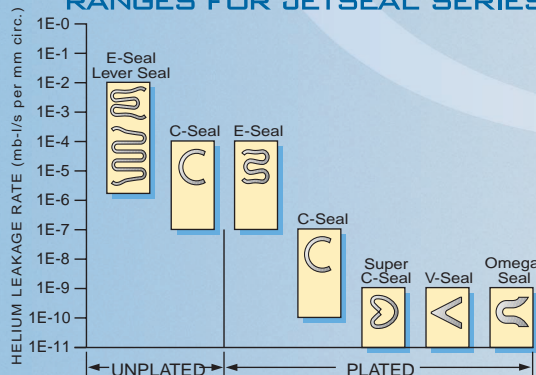
JETSEAL's industry standard seal profiles include:

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

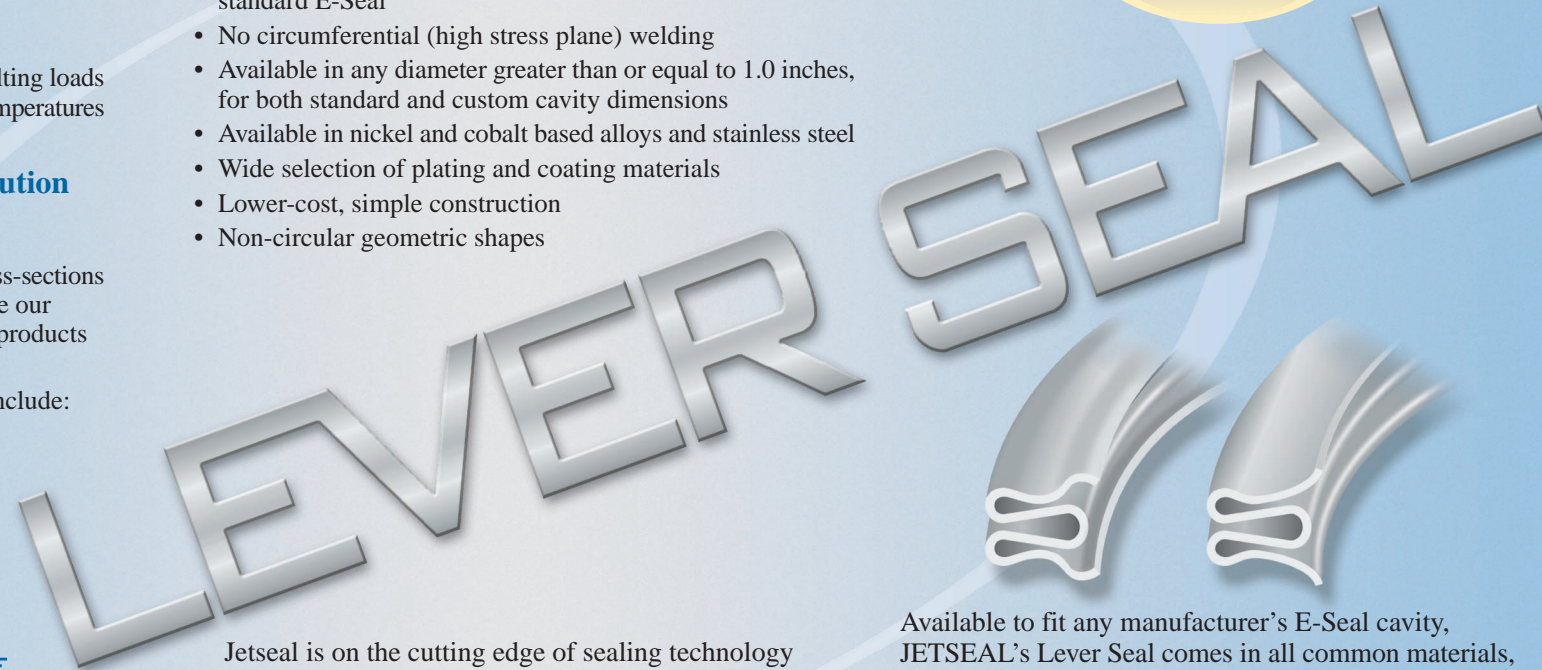
JETSEAL's patented profiles include:

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

TYPICAL LEAKAGE RATE RANGES FOR JETSEAL SERIES



- 100% springback
- Meet both AS1895/7 and AS1895/23 E-Seal standard requirements
- Handles up to 3 times more flange movement than a standard E-Seal
- Handles greater heat, pressure, and flange movement than a standard E-Seal
- No circumferential (high stress plane) welding
- Available in any diameter greater than or equal to 1.0 inches, for both standard and custom cavity dimensions
- Available in nickel and cobalt based alloys and stainless steel
- Wide selection of plating and coating materials
- Lower-cost, simple construction
- Non-circular geometric shapes



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

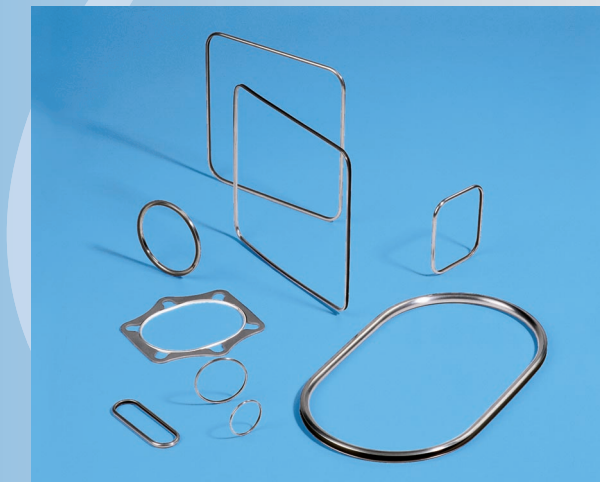
The Lever Seal's allowable deflection is almost double the industry's next best seal. Why settle for a seal that starts with a free height of 0.121" and compresses to 0.088" when for less cost you can install a Lever Seal with a free height of 0.145" in the same cavity. A two-ply Lever Seal design will allow for substantially greater deflection handling capabilities, and is available for even more demanding applications.

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!

LEVER SEAL
RESILIENT METAL SEALS