

Metal Seal Vacuum & Extreme Environment Applications

- ISO Flanges
- High Temperature
- Corrosive Environment
- Erosive Environment
- Plasma
- Low Permeability Requirements
- Cryogenic Environment

Metal Seal Profiles

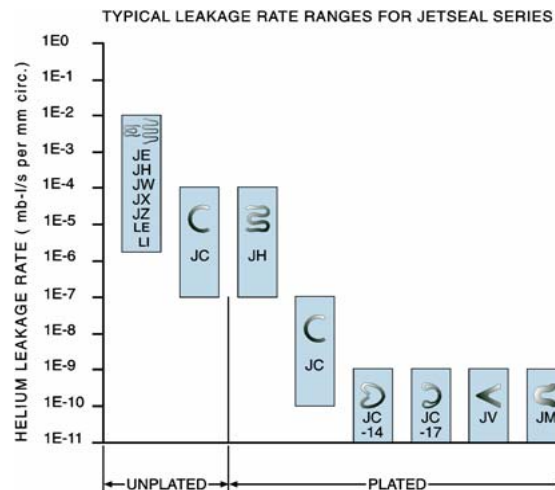
JETSEAL has the largest selection of seal cross-sections in the industry. JETSEAL's goal is to provide our customers with a full line of quality sealing products at competitive prices.

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)



Jetseal Metal Seals for Vacuum, Space and Extreme Environment Applications

JETSEAL is a specialist in designing and manufacturing metal seal solutions for vacuum, space and other extreme environment applications. Our metal seals provide higher performance than most elastomer seals. They are also typically more cost effective than many high performance elastomer seals. JETSEAL metal seals are available in all industry standard and some exotic materials, and can be coated with a wide variety of materials making them suitable for almost every application.



JETSEAL has the largest selection of metal seal cross-sections in the industry. We are on the cutting edge of new product development having received nine new patents for metal sealing technology during the past five years. In addition to producing industry standard metal seal configurations, we are constantly exploring ways to expand the sealing boundaries for vacuum, heat, stress tolerance, and greater flange movement. JETSEAL has created low load and high vacuum seals with seating forces lower than 50lbs/circumferential inch. In many applications we are able to seal against silicon and some brittle substances such as crystal, ceramic and glass.



JETSEAL has the capabilities to do concurrent design and development, prototype development, and design and build to specification. We also have the ability to leak test in vacuum with Helium to 1×10^{-10} atm-cc/sec. We have developed a family of metal seals with varying capabilities and cost specifically designed for different vacuum and other extreme environment applications.



Contact JETSEAL if you are experiencing sealing problems with seal erosion, corrosion or high cost elastomer products to find out how our metal seals can provide a cost effective solution.