

TECHNETICS K-PORT SEALS

Technetics has an unmatched pedigree in designing and manufacturing K-Port Seals.

Designed to provide high-performance sealing for AS5202 Port applications. In fact, our flight-tested and proven solutions include the only metal port seal technology approved by NASA for human spaceflight.



KEY FEATURES:



Fluid Containment

Designed to prevent fluid leakage and/or pressure loss between a fitting (AS4395, AS930, and AS4320) and a connection Port (per AS-5202).



Fracture Critical

Exceeds any Fracture Critical standard, including NASA requirements for manned spaceflight.



Pressure Stabilization

Can compensate for a wide range of unforeseen pressure upsets (e.g. launch vibration).

ENGINEERED FOR SAFETY:

Technetics' unique K-Port seal design has been validated by dozens of global spaceflight customers over hundreds of successful missions.



Sealing Technology:

Redundant sealing surfaces to improve performance and increase default tolerance.



Mission-Critical Dependability:

Qualified for manned and cargo missions in cryogenic and high-temperature applications, found on satellite micro-propulsion systems, and equipped with certified cleanliness documentation per IEST level 100R1 for critical applications.

