

## Reliable ASTM F1476 Mechanical Coupling Testing

ASTM F1476 – Standard Specification for Performance of Gasketed Mechanical Couplings for Use in Piping Applications



Mechanical couplings are critical components in modern piping systems, where connection reliability, sealing performance, and structural integrity are essential for safe and long-term operation.

ASTM F1476 specifies performance characteristics and qualification testing requirements for gasketed mechanical couplings, including grooved couplings, restraint couplings for plain-end pipes, and mechanical compression coupling systems.

Singapore Test Lab (STL) provides professional testing services supporting manufacturers, suppliers, and project owners in verifying product quality, performance, and compliance with internationally recognised requirements.

STL ASTM F1476 Testing Capability Includes:

- a. Pneumatic Proof Testing
- b. Vacuum Testing
- c. Hydrostatic Proof Testing
- d. Flexibility Testing
- e. Hydrostatic Burst Testing
- f. Rigidity Testing
- g. Bending Moment Proof Testing
- h. Bending Moment Ultimate Testing



STL is an accredited testing laboratory operating in accordance with ISO/IEC 17025 requirements. Test reports issued by STL carry the ILAC MRA mark, providing international recognition and acceptance among regulatory authorities, certification bodies, and organisations within the ILAC Mutual Recognition Arrangement (MRA) framework.

Backed by experienced technical personnel, controlled testing facilities, and independent verification capability, STL helps coupling manufacturers demonstrate product reliability, strengthen market acceptance, and meet global project requirements including Europe, North America, China, East and South Asia etc.

We deliver trusted solutions that help customers meet regulatory requirements and industry expectations with confidence, enabling faster access to both local and international markets.