

TYPICAL SPECIFICATION

1 Scope

- 1.1 This specification is intended to cover the design and manufacture of modular mechanical seals, for pressures up to 20 psi (40 feet of head) and temperatures from -40° F to +250° F.

2 Design

- 2.1 The modular mechanical seal shall provide a water tight seal in annular openings created by pipe penetrations in walls, manholes, structures and casing pipes. When supplied for a specific project, the modular mechanical seal shall be furnished and marked as a complete set for installation. Comprehensive installation instructions shall be provided.
- 2.2 The seal shall consist of interlocking resilient links connected with corrosion resistant steel bolts, nuts and pressure plates. Sealing of the opening shall be accomplished by tightening the bolts to expand the resilient links.

3 Materials

- 3.1 Resilient Links shall be of EPDM conforming to ASTM D2000 M3 CA410. Link hardness shall not exceed 50 Shore Durometer.
- 3.2 Pressure plates shall be glass reinforced nylon.
- 3.3 Bolts and nuts shall be zinc plated steel.

4 Options

- 4.1 Stainless Steel bolts and nuts shall be provided when specified.
- 4.2 A heavy gauge, steel wall sleeve shall be provided when specified. The sleeve shall have square ends and include a full circle, two inch waterstop. The waterstop shall be welded to the sleeve with a continuous, full circle weld on both sides. The interior and exterior shall be zinc coated to protect the Wall Sleeve from corrosion. Wall sleeves shall be Spec Com® series LPWS as manufactured by Spec Com® Elmhurst, IL.

5 Manufacture

- 5.1 Modular Mechanical seals shall be Link-Pac series LP as manufactured by Spec Com, Inc, Elmhurst, IL, USA.

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Subsidiary of Val-Matic®

PRODUCT: *LINK-PAC*®

MODULAR MECHANICAL SEAL

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