

## Pipe-Seal

### Installation Instruction Compact-Seal-Insert Pipe-Seal Proceeding

#### Surface Preparation: Clean the Installation Area

Ensure the installation area's core bearing, casing-pipe, or carrier pipe surface is thoroughly clean.

#### Centric Adjustment Check: Verify Carrier Pipe Alignment

Verify the centric alignment of the carrier pipe. Despite the compact seal being constructed from premium materials, it is not designed to serve as a support bar for the carrier pipe.

#### Seal Installation Orientation: Choose Accessible Side for Post-Installation Adjustments

Install the compact seal from the side of the building (on the nut side) that provides convenient access for potential post-installation adjustments, such as retightening due to settling conditions.

#### Compact Seal Insertion: Ensure Complete Insertion with Moistening Technique

Fully insert the compact seal into the annular space to enhance the installation process. This can be achieved by dampening the elastomer parts and/or the inner and outer surfaces with soap water (avoid using lubricants).

#### Uniform Tightening Process: Apply Consistent Turns to Nuts

Uniformly tighten all nuts in a clockwise direction (avoiding a crosswise approach), applying an equal number of turns until the rubber element completely occupies the space, ensuring the pipe seal snugly conforms to the inner and outer surfaces.

#### Torque Application: Tighten Screws to Recommended Torque

Utilize a torque wrench to tighten the screws in a clockwise direction to the recommended torque level (refer to the provided table).

#### Post-Installation Inspection: Check and Adjust Torque After Setting

After approximately 2 hours, check the torque to confirm pressure-tight sealing and make adjustments if necessary after roughly 48 hours.

Bolt-Size	Wrench-Size	Torque
M5	8	3 Nm
M6	10	8 Nm
M8	13	12 Nm
M10	17	25 Nm

Pipe-Seal: EPDM + / - 50 Sh A  
Pressure-Flanges: Stainless steel  
Bolts / nuts: Stainless steel

The purchaser of the YTM Pipe Seal is responsible for the installation of the product and also for all damages and follow-on defects, which are caused by incorrect installation.