

3.0 SITE PREPARATION/INSTALLED LENGTH (CONTINUED)

- Check all pre-installed couplings prior to installation to verify that all sets of hardware are tightened completely and that metal-to-metal bolt pad contact is present at all bolt pads. Refer to the installation instructions that are supplied with the coupling. The latest version of these installation instructions can be downloaded at victaulic.com by scanning the appropriate QR code provided on the previous page.
- Before placing the unit for installation, verify that the two existing pipe end connections are concentric and colinear along their centerline. Measure the space between the two pipe ends and verify that it corresponds to the 'Installed Length' that is marked on the side of the Victaulic Dynamic Movement Joint.
- The existing pipe end connections shall remain fixed in order to maintain the 'Installed Length'.
- Measure the length of the Victaulic Dynamic Movement Joint to verify that it corresponds to the appropriate 'Set Length'. If the measured length is shorter than the appropriate 'Set Length', expand the Victaulic Dynamic Movement Joint until the appropriate 'Set Length' is achieved. If the measured length is longer than the appropriate 'Set Length', compress the Victaulic Dynamic Movement Joint until the appropriate 'Set Length' is achieved.
- Pre-install a gasket from each end coupling onto the end of each existing pipe end connection. Refer to the installation instructions that are supplied with the coupling. The latest version of these installation instructions can be downloaded at victaulic.com by scanning the appropriate QR code provided on the previous page.

4.0 INSTALLATION

Once the conditions listed in Section 3.0 are met:

- Lift the Victaulic Dynamic Movement Joint slowly while guiding it into place in the pipeline. Verify that the weight of the Victaulic Dynamic Movement Joint remains balanced as it is lifted and moved into position.
- Bring the Victaulic Dynamic Movement Joint into position between the two existing pipe end connections. To prevent damage to coatings and linings, DO NOT allow the Victaulic Dynamic Movement Joint to impact the two existing pipe end connections. Verify that the two existing pipe end connections and the Victaulic Dynamic Movement Joint are concentric and colinear and that the pipe ends are square to the Victaulic Dynamic Movement Joint.
- Provisions shall be made for supporting the Victaulic Dynamic Movement Joint throughout the entire installation process and for maintaining the 'Set Length'. If the 'Set Length' changes during the lifting process, the Victaulic Dynamic Movement Joint shall be either compressed or expanded to correspond to the marked 'Set Length' prior to installation of the end couplings.
- After the Victaulic Dynamic Movement Joint is in position (at the marked 'Installed Length' and concentric, colinear, and square to the two existing pipe end connections), install the end coupling connections. Refer to the installation instructions that are supplied with the coupling. The latest version of these installation instructions can be downloaded at victaulic.com by scanning the appropriate QR code provided on the previous page.
- **FOR BURIED APPLICATIONS:** The trench bed shall be prepared to ensure that continuous support is provided under the pipe and couplings. The haunching material, which is found in the area between the bedding and the underside of the pipe, shall be worked in and compacted before continuing backfill. Haunching shall have no voids, and the backfill material shall not be contaminated with debris or other foreign materials that could damage the pipe or cause loss of support. **All backfill shall be consistent and meet application-site specifications. Protection shall be implemented to prevent aggregate from entering the grooves adjacent to the coupling keys.**
- **FOR EXPOSED APPLICATIONS:** Victaulic Dynamic Movement Joints shall be supported per guidelines provided in Victaulic Design Data (Section 26 publications) and Victaulic Field Installation Handbooks. Thrust support placement shall be consistent with relevant product guides.

5.0 POST INSTALLATION

The 'Installed Length' and 'Set Length' shall be maintained during construction of the piping system.

