



# PIKOTEK® GASKET INSTALLATION CHECKLIST

1. Gasket should match flange specification; please double check the gasket label and confirm.
  2. Teflon (up to 5") with Viton (tandem seal 6" and above) seals are not damaged during transportation and are firmly secured in their respective grooves.
  3. Inspect flange surfaces to ensure there is no pitting or severe defects which may cause leakage when the system is pressurized. Clean the flange surface thoroughly prior to installing the gasket; flange faces and gaskets should be dry and free from grease, oil or water.
  4. Ensure that there is adequate space between the flange faces for the gasket to be installed (at least ½"). This space allows for gasket installation without damage to the sealing element(s). If, for any reason, the seal(s) is damaged during installation, exchange the seal(s) before re-installing the PIKOTEK® gasket.
- REMINDER:** Our main sealing element is a pressure activated/ spring energized Teflon seal. Damaged seals will lead to a faulty connection.
5. Prior to gasket installation ensure that the flanges are properly aligned to avoid gasket damage upon bolt make-up due to uneven torque and subsequent disproportionate seating stress. Furthermore, even with properly aligned flanges please follow PIKOTEK® torque instructions to ensure even bolt-load across the gasket.
  6. Insert stud and nut assemblies into the bolt holes around the lower half of the flange and make certain that the bolts have been lubricated with a suitable compound. Then insert the gasket between the flanges, lowering it onto the bolts that have been installed along the bottom of the flange. Always rest the gasket on alignment sleeves (provided with gasket only orders if no isolation kit is ordered) at the 5 and 7 o'clock positions along the flange. PIKOTEK® gaskets are self-centered if properly installed.
  7. If a device was used to spread the flanges remove it at this time. Thread all remaining stud and nuts assemblies to bring flanges into contact with the gasket.
  8. Make sure that a sufficient number of threads are within the nut of each stud prior to bolt make-up. Continue with the PIKOTEK® approved bolt tightening sequence. Best results will be achieved if the proper amount of torque is applied. A minimum seating stress of 7500 psi should be met to ensure that the G-10 material has coined against the flange face.

INNOVATIVE ENGINEERING FOR CORROSION PROTECTION

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