

Style 607

QuickVic® Rigid Coupling



WARNING



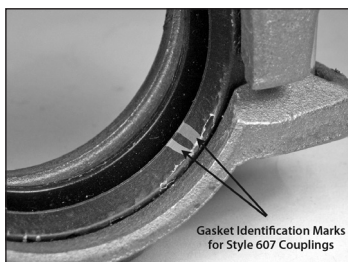
- Read and understand all instructions before attempting to install any Victaulic piping products.
 - Depressurize and drain the piping system before attempting to install, remove, or adjust any Victaulic piping products.
 - Wear safety glasses, hardhat, and foot protection during installation.
- Failure to follow these instructions could result in serious personal injury, improper product installation, and/or property damage.

INSTRUCTIONS FOR THE INITIAL INSTALLATION OF STYLE 607 COUPLINGS



1. DO NOT DISASSEMBLE THE COUPLING: Style 607 Couplings are installation ready. The coupling is designed so that the installer does not need to remove the bolts and nuts for installation. This design facilitates installation by allowing the installer to “stab” the grooved end of copper mating components into the coupling.

2. CHECK COPPER MATING COMPONENT ENDS: The outside surface of the copper mating components, between the groove and the mating component ends, must be smooth and free from indentations, projections, and roll marks to ensure a leak-tight seal. All oil, grease, dirt, and cutting particles must be removed. Measurements taken across grooved mating component ends must not exceed the maximum allowable flare diameter. Refer to current Victaulic specifications for the maximum allowable flare diameter.



3. CHECK GASKET: Check the gasket to make sure it is suitable for the intended service. Victaulic gaskets for copper products contain two marks: the copper-colored mark identifies that the gasket is specifically for Victaulic copper products, and the additional mark identifies the gasket grade. Refer to submittal 05.01 or the “Gasket Selection” section of this manual for the color code chart.



WARNING

- Always use a compatible lubricant to prevent the gasket from pinching or tearing during installation.
- Failure to follow this instruction could result in joint leakage.

IMPACT WRENCH USAGE GUIDELINES



WARNING

- Nuts must be tightened evenly by alternating sides until metal-to-metal contact occurs at the bolt pads. For angle-bolt-pad couplings, even offsets must be present at the bolt pads to obtain pipe-joint rigidity.
- **DO NOT** continue to use an impact wrench after the visual installation guidelines for the coupling are achieved.

Failure to follow these instructions could cause gasket pinching and coupling damage, resulting in joint failure, serious personal injury, and property damage.

Due to the speed of assembly when using an impact wrench, the installer should take extra care to ensure nuts are tightened evenly by alternating sides until proper assembly is complete. Always refer to the Victaulic assembly instructions, supplied with the product, for complete installation requirements.

Impact wrenches do not provide the installer with direct “wrench feel” or torque to judge nut tightness. Since some impact wrenches are capable of high output, it is important to develop a familiarity with the impact wrench to avoid damaging or fracturing bolts or coupling bolt pads during installation.

DO NOT continue to use an impact wrench after the visual installation requirements for the coupling are achieved.

Perform trial assemblies with the impact wrench and socket or torque wrenches to help determine the capability of the impact wrench. Using the same method, periodically check additional nuts throughout the system installation.

For safe and proper use of impact wrenches, always refer to the impact wrench manufacturer’s operating instructions. In addition, verify that proper impact grade sockets are being used for coupling installation.