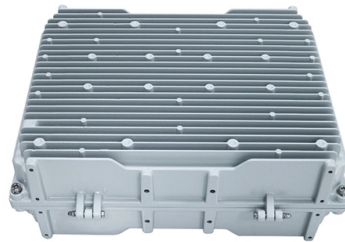


Flange Splitter Installation



Article Overview

A flange splitter is installed by assembling its two halves around the pipe or hose, aligning them with the mating port, and tightening bolts to the specified torque while ensuring proper sealing and clearance.

Preparation

Before installation, inspect the pipe or hose for damage, cracks, or corrosion and ensure it is clean and dry. Remove any debris, grease, or burrs using a pipe cleaner, cloth, or deburring tool to ensure a smooth surface for the flange to seat properly . Verify that the pipe diameter matches the inner diameter of the split flange and that the flange type is suitable for the application, whether it is a lap-joint, RTJ, or Van Stone split flange .

Assembly Steps

- **Position the Flange Halves:** Place the two halves of the split flange around the pipe or hose, ensuring that any painted or marked ends are correctly aligned and the fitting is centered over the mating port .
- **Initial Bolt Tightening:** Insert bolts and tighten them finger tight to hold the flange halves in place without distorting the assembly .
- **Check Alignment and Clearance:** Ensure the hose or pipe does not contact other components or machinery. For hoses crossing articulation points or steering systems, check for interference during movement .
- **Torque Bolts Properly:** Follow the prescribed torque sequence for the specific split-flange type. For some applications, the combined gap measurements should not exceed 0.16 in. (4 mm) to ensure proper sealing

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