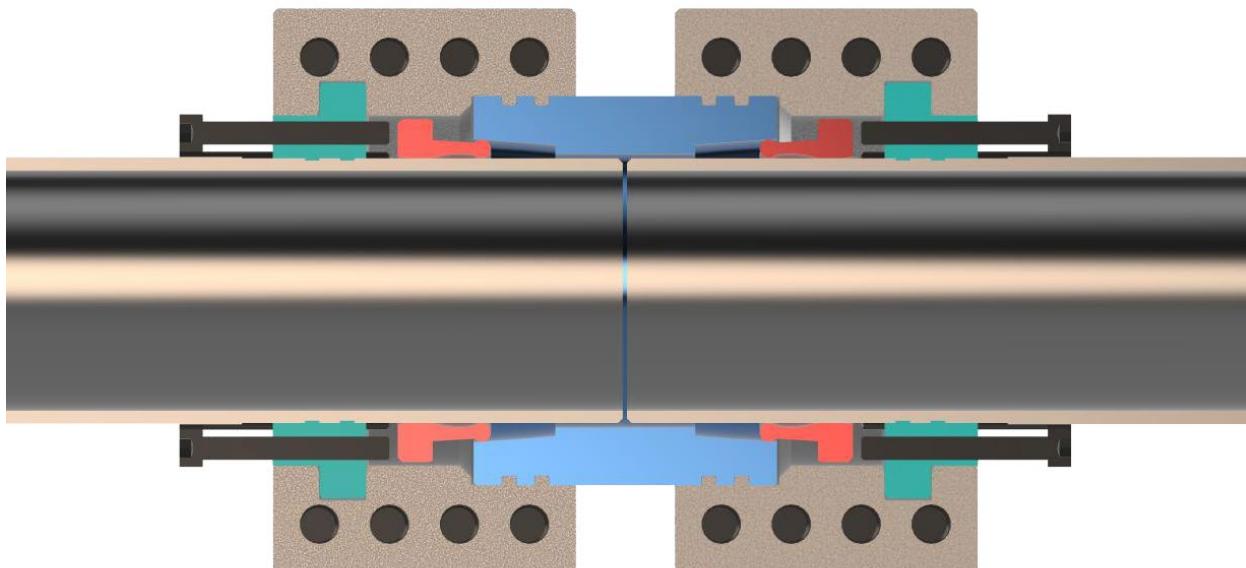




## PT1 Weldless Pipe Connectors

AVH Engineering and CorrScience are introducing Poulton's patented metal-to-metal mechanical pipe connectors. The PT1 weldless connectors are approved by Lloyd's Register in the UK, and have Alberta CRNs for pressure classes from ANSI 150 to 2500 lbs for 4", 6", and 8" pipe diameters under ASME B31.3 and B31.1. The connectors replace welding for permanent repairs, for new construction, and for piping connecting equipment modules. They do not require NDE such as radiography. Wide industrial adoption of the PT1 connectors is expected because of the reduced installation requirements, making them quick to install, reducing valuable facility downtime, combined with lower installation costs.

The connectors can be more flexible than welding for piping connections with centreline misalignment issues. PT1 can accommodate up to 20 mm of misalignment without requiring pipe manipulation. Tolerances can increase with manual pipe adjustment during setup. The length of the joining stock can also be flexible, allowing accommodation of large or small gaps between the pipe ends. An extended version is available for applications with greater separation between the pipe ends.



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