

Application Notification

Potential Incompatibility of Type F Pipe, Sizes NPS 2" | DN50 and Smaller

WHAT IS THE ISSUE?

Victaulic has recently been notified of isolated incidents involving slow drip leakage in installations with a variety of its gasketed joint products. Upon investigation, certain incompatible conditions associated with furnace butt-welded pipe, commonly known as Type F pipe, have been determined to be the root cause of these reported incidents. These incompatibilities, including isolated sub-surface discontinuities at the weld seam, do not comply with Victaulic's installation instructions and published requirements for compatible pipe and pipe surface quality, and may inhibit the ability to produce a leak tight joint. Victaulic has observed these incompatibilities on Type F pipe of multiple sizes, but predominately in smaller sizes.

WHAT SHOULD YOU DO?

At this time, Victaulic does not recommend the use of Type F pipe in sizes NPS 2" | DN50 and smaller for use with Victaulic gasketed joint products, including couplings, Installation-Ready™ fittings, flange adapters, and mechanical tees.

When selecting carbon steel pipe for use with Victaulic gasketed joint products, Victaulic presently recommends all sizes of approved ERW or seamless pipe for use with its gasketed joint products, such as ASTM A53 Type E or S, ASTM A135 Type E, or ASTM A795 Type E. For fire protection applications, either Schedule 40, Schedule 10, or approved specialty pipes can be used, with Schedule 10 and certain specialty pipes offering an increased flow advantage over Schedule 40 pipe. For pipe sizes above NPS 2" | DN 50, Type F pipe may also be used with Victaulic gasketed joint products.

For more details, see Victaulic's published literature, including:

- Style 009N and Style 109, publication [10.64](#)
- Style 005H, publication [10.02](#)
- Style 75, publication [06.05](#)
- Style 72, publication [06.10](#)
- Style HP-70, publication [06.12](#)
- Style 750, publication [06.08](#)
- FireLock™ Installation-Ready™ Fittings, publication [10.06](#)
- FireLock™ IGS™ Installation-Ready™ System, publication [10.54](#)
- Style 744, publication [10.04](#)
- Victaulic Tools, publication [24.01](#)
- Style 107N, publication [06.23](#)
- Style 177N, publication [06.24](#)
- Style 77, publication [06.04](#)
- Style 07, publication [06.02](#)
- Style 78, publication [06.09](#)
- QuickVic™ SD Installation-Ready™ System, publication [34.01](#)
- Style 741 and Style 743, publication [06.06](#)
- Style 907, publication [19.10](#)
- Style 99, publication [14.02](#)

WHAT IS VICTAULIC DOING CONCERNING THIS ISSUE?

Victaulic continues to work with its partners in the industry to determine if these incompatibilities can be alleviated and may update or supplement this Application Notification as more information becomes available.

For more information, contact Applications Engineering (applications.engineering@victaulic.com) or ask for Applications Engineering at 1-610-559-3502).