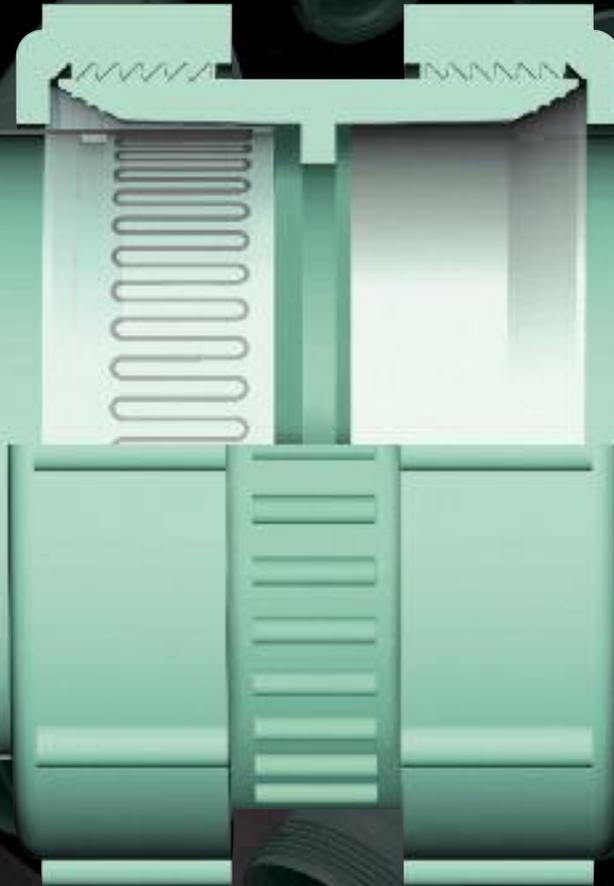


IT'S FUSED.  
IT'S MECHANICAL.



IT'S ZURN.



Zurn Chemical Drainage Systems can be installed mechanically or by fusion. Both methods use the same fittings and both offer reliability and quality for the design engineer, simplicity for the distributor, low cost and easy installation for the contractor, and peace of mind for the building owner/operator.

The Zurn Fusion Lock® Joining System meets ASTM F1412, NSW-cw, UPC and CSA standards ... does not need an additional clamping system to install ... automatically senses the connection size and delivers the right fusing power and allows for multiple joints of different sizes.

The Zurn Mechanical Joining System replaces the metal band with a nut and seal and the ratchet with a coupling nut wrench ... eliminates soaking the olive, grooving the fittings or heating the seal ... and offers the best pipe grooving tool in the industry.



So, whether you fuse or groove your connection ... use the Zurn Chemical Drainage System.

**ZURN INDUSTRIES, LLC** CHEMICAL DRAINAGE SYSTEMS • 1801 PITTSBURGH AVENUE • ERIE, PA, U.S.A. 16502  
PHONE: 855-ONE-ZURN (855-663-9876) • FAX: 814-898-2573 • [www.zurn.com](http://www.zurn.com)

In Canada: **ZURN INDUSTRIES LIMITED** • 3544 NASHUA DRIVE • MISSISSAUGA, ONTARIO L4V 1L2 • PHONE: 905-405-8272 • FAX: 905-405-1292

# FUSION LOCK® JOINING SYSTEM

## Features

- *Chemical and Acid-Resistant (FRPP-210) Polypropylene meets ASTM F1412, NSF-cw, UPC, and CSA standards – Peace-of-Mind.*
- *Single fittings for both mechanical and fusion joints – The Zurn system, utilizing a combination fitting for both Fusion Lock® and mechanical joining methods, is a patent pending system – reduces handling costs, avoids job site delays, simplifies inventory.*
- *The unique Zurn Fusion Lock® system eliminates the need for additional clamping during installation – no clamps are necessary so you don't have to go back and tighten clamps after fusing – simplifies installation, decreases errors, saves money!*
- *Machine automatically senses the connection size(s) and delivers the corresponding power to fuse a quality joint – installer does not have to set the machine to the proper size before fusing – eliminates operator error and ensures joint integrity!*
- *Multiple joints may be connected in a series, up to the specified maximum – shortens installation time and saves money.*
- *Multiple joints of different sizes can be fused simultaneously without resetting the fusion machine – reduces installation time and saves money!*
- *If welding is interrupted during fusing, the cycle can be restarted and the unit will compensate for time interrupted to complete the joint – simplifies installation and ensures joint integrity!*
- *The Zurn fusion unit will automatically compensate, incrementally, for job site temperature (hot or cold) conditions to reach ideal fusing temperature – ensures joint integrity!*
- *Zurn's manufacturing facility is both NSF Standard-14 and Standard-61 compliant.*

Fusion Lock Joint



# MECHANICAL JOINING SYSTEM

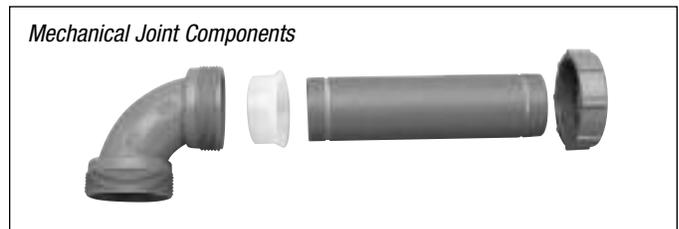
## Features

- *Single fitting(s) for both mechanical and fusion – the Zurn system, utilizing a combination fitting for both mechanical and/or Fusion Lock® joining methods, is a patent pending system – eases handling costs.*
- *No metal bands! Nut and seal system is proven superior to metal band-coupling systems.*
- *No ratchet is needed – coupling nut wrench is provided.*
- *Fittings are pre-grooved – don't have to groove the fittings in the field.*
- *No soaking the olive! No heat or hot water seal treatment necessary.*
- *Flame retardant pipe provided in standard 10-foot lengths. Can order non-flame retardant pipe in 10-foot or 20-foot lengths.*
- *Pipe grooving tool is the best in the industry (see features below).*
- *Modular system makes it easy to remodel.*
- *Easy to clean and maintain.*

Mechanical Joint



Mechanical Joint Components



# ZURN GROOVING TOOL

- *Lock-in-place, hardened-steel, double-ended blade – ensures high quality cuts with sharp cutting edges that save installation time. Blades are less costly to replace than single edged blades!*
- *Marked cutting edge(s) indicates if cutting blade has been used – reduces installation errors!*
- *Spare blades are contained in storage compartments on all tools – reduces job site hassles and eliminates costly delays!*
- *Blade housings are molded in clear polymer to help installer visually align the blades when changing.*
- *All metal tool housing provides for durability!*
- *Tool also doubles as a seal installation aide (3" and 4" only).*

Z9-GRVR

