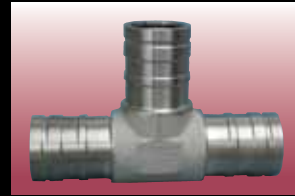
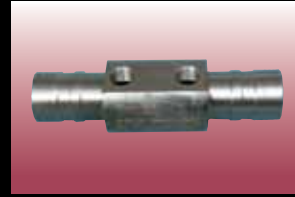


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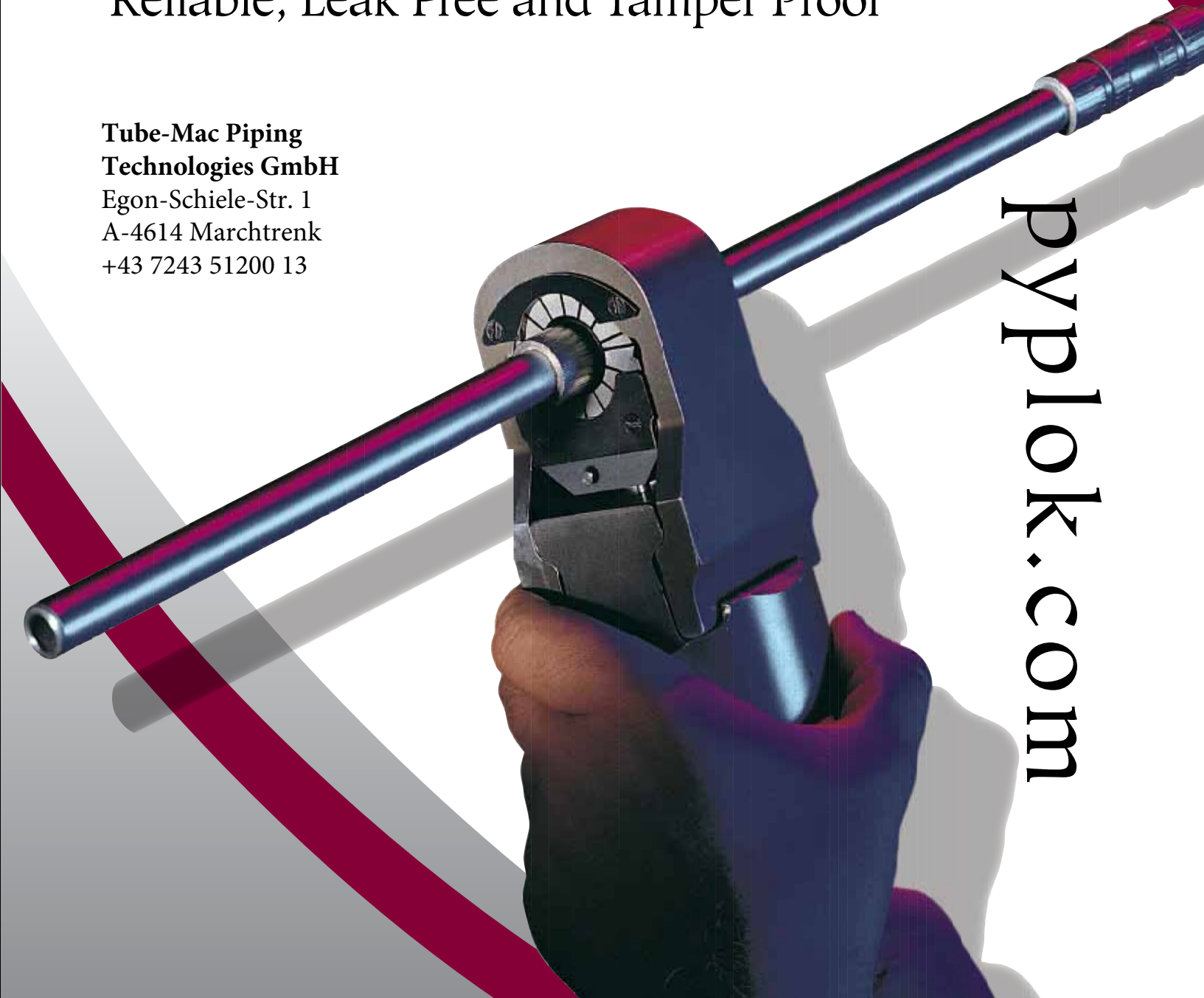
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# It's the weldless, threadless way to join pipe/tube.

## LEAKFREE PERFORMANCE, REDUCED INSTALLED COST AND MINIMIZED DOWNTIME.

The TUBE-MAC® PYPLOK® connecting system is sparkless and has a successful history of pipe and tube fabrication in the most demanding environments and systems, where fire safety is essential. Using a portable, hand-held installation tool, fittings are cold worked and permanently compressed onto piping. This process deforms the pipe diameter a controlled amount, thus forming a permanent leaktight seal.



## USE IT ANYWHERE YOU'D WELD... BUT WOULDN'T WANT TO.

Now you can have the benefits of a welded joint, but without the hazards of hot work, using the TUBE-MAC® PYPLOK® coupling. It's not only a permanent system, it's also sparkless. It goes on cold. Which means all of the risks and requirements associated with "hot work" are avoided.

And the permanent characteristics of the TUBE-MAC® PYPLOK® system make it ideal in place of welded flanges and threaded fittings which are prone to leaks due to flexure or vibration.

No hot work permits, no x-rays, no gas freeing, no system flushing or purging, no attached slag or contaminants enter the piping system. And with easy installation method, there is a substantial reduction of system downtime for repairs.

## THE ADVANTAGES OF PYPLOK'S SEALING CHARACTERISTICS.

TUBE-MAC® PYPLOK® FITTINGS incorporates unique sealing capabilities. It utilizes four non-metallic o-rings, which make PYPLOK® FITTINGS adaptable to normal pipe and tube tolerances and surface conditions.

The outer o-ring seals prevent outside contaminants from entering the system.

The TUBE-MAC® PYPLOK® system is extremely versatile: Ideal for gaseous systems as well as fluids. Also available in various shapes: tees, elbows, 45° and 90°, reducers and custom ends.



PYPLOK® FITTINGS can be used on stainless steel, copper, nickel and carbon steel pipe or tube.

# The Tube-Mac® PYPLOK® System



## FITTING SPECIFICATIONS

<b>Fitting Material:</b>	316 L Stainless Steel, Carbon Steel, Copper Nickel 70/30 CuNi
<b>Pressure Range:</b>	Up to 9300 PSI (640 bar) with 3:1 Safety Factor
<b>Fitting Size Range:</b>	1/4" to 3" NPS PIPE, 1/4" to 2" OD TUBE and 6mm to 66mm Tube
<b>Operating Temperature:</b>	-65°F through 400°F (-54°C through 205°C)
<b>Standard Seal Material:</b>	<ul style="list-style-type: none"> <li>• Viton (other materials available upon request)</li> <li>• EPDM (for Steam Applications)</li> </ul>
<b>Standards and Testing:</b>	<ul style="list-style-type: none"> <li>• ABS, CRN, DNV and NAVSEA certified, MIL-S-901D shock tested</li> <li>• API 6FB and ISO 15540/19921 fire tested</li> <li>• Meets ASME B31.1 and B31.3 Requirements</li> </ul>



# PYPLOK® FITTINGS

## How PYPLOK® IS INSTALLED.

The unique characteristics of the TUBE-MAC® PYPLOK® FITTING system allows for installation on piping/tubing with normal tolerances and surface conditions.

Tooling is positioned around the fitting assembly and is pressurized using a manual, or electric pump. The tool converts linear force into radial force, compressing, or swaging, the fitting and piping material together.

The resulting connection results in joint tensile strength greater than the minimum pipe yield. A simple inspection gage verifies proper diameter reduction.



Apply mark in window using insertion gage.



Position PYPLOK® tooling around fitting assembly and pressurize.



Verify completed joint using same insertion gage.