

# A Perfect Union

## TRUE ZERO-DEAD-VOLUME CAPILLARY CONNECTORS

Whether you're making tubing connections or applying high-voltage for ionization, PicoClear™ connectors provide true zero-dead-volume connections. The soft core technology will not cause damage to fused-silica tubing, which is the number one cause of clogs.

## COST-EFFICIENT REPLACEABLE CORE

At the heart of PicoClear Technology is its clear replaceable core. Contaminated or suspect conventional connectors must be discarded to ensure integrity. A quick examination of PicoClear's see-through core confirms that the connection is valid and contaminant-free. And a single core can be used many times over.

## MULTIPLE APPLICATIONS

PicoClear connectors go beyond simple connection applications. When combined with fritted inlet tubing, a PicoClear Union becomes a visible inline filter. Use PicoClear Unions to seamlessly combine multiple nanobore columns for on-the-fly multi-dimensional analysis or to form longer columns.

Learn more about PicoClear Technology on our website: [www.newobjective.com](http://www.newobjective.com).

### UPNS™

**Ultra-Performance NanoSpray**  
Highest grade of performance, efficiency and flexibility in LC-MS analysis.



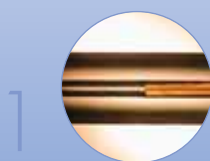
Clear Union



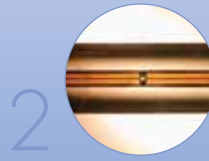
Clear Conductive Union

**Make secure, perfectly-aligned, true zero-dead-volume connections with renewable PicoClear™ Unions.**

- High operating pressures (>3,500)
- Will not damage tubing
- Reduces likelihood of clogging
- Cost-effective replaceable core
- Create on-the-fly multi-phase or long columns with no loss in performance
- Clear core allows you to see the connection



1 Slide the first piece of tubing into the union, positioning it halfway through the window



2 Insert the second piece of tubing into the opposite side of the union. Gaps are clearly visible if present.



3 Tighten the end fittings to compress and seal the union. With full compression, optical clarity is increased.



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