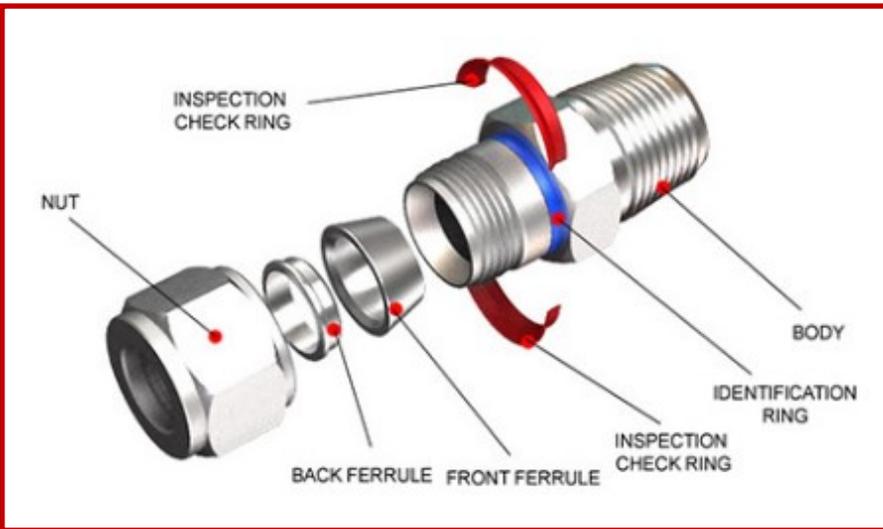




Process Equipment & Controls, Inc. (PEC-KC) is excited to bring another innovative product to our customers. The Superlok i-Fitting is a patented new design of compression tube fittings, and the first of it's kind. The patented built-in gap gauge on every fitting confirms proper installation every time. With any other fitting on the market you either have to use a gap gauge tool or take your chances relying on experience and judgement which can result in a void of warranty.

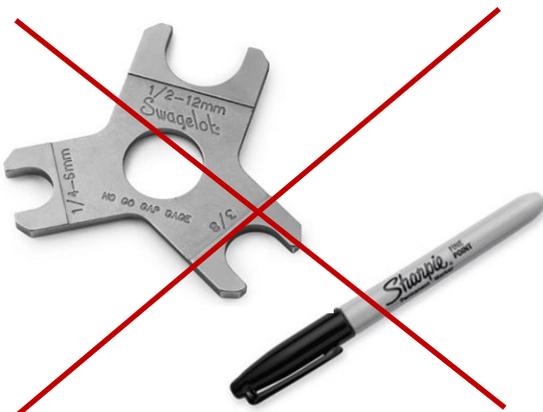
Our fitting can be installed confidently by even the most inexperienced technician with minimal training. The result is an installation that eliminates leaks from under tightening or damage to your tubing by over tightening. Perhaps the most important feature is safety to those working in areas where incorrectly installed fittings are in service. Contact us at sales@pec-kc.com to learn more about this new fitting.



### [How They Work Videos](#)

- [Installation of the i-Fitting](#)
- [Installation & Burst Test](#)
- [The Other Guys \(Warranty Requires Special Tool\)](#)

### [You Won't Need These!!](#)



**Gold Medal Winner**  
INPEX 2014  
SUPERLOK  
The Largest Invention Trade Show  
in the United States

New Technology

**SUPERLOK**  
i-Fitting

The fitting industry hasn't seen a major innovation since 1959 when Swagelok patented the dual ferrule fitting and Parker soon followed with their own single ferrule design. Those two manufacturers have dominated the industry until patents expired.

In 1998 the patents ran out and we saw a massive influx of new "me too" manufacturers flood the market. Unfortunately, some of those were challenged with quality issues, which only proved to strengthen the existing manufacturers. Superlok isn't new to the fitting game. They have been manufacturing the Superlok brand of fitting for over 25 years and are on countless customer approved lists, but the proprietary i-Fitting was the "game changer" when it was introduced in 2014.

## Interchangeability Guarantee

- Swagelok
- Parker
- SSP Fittings
- Bi-Lok
- DK Lok
- And More



## Certified & Tested

SGS is the world's leading independent 3rd party inspection, verification, testing and certification company. They are recognized as the global benchmark for quality and integrity. With more than 95,000 employees and 2,400 offices and laboratories around the world.



### SUPERLOK TUBE FITTINGS PRESSURE RATING

| Inch  | WALL THICKNESS OF TUBING |       |       |       |       |        |        |        |       |       |       |       |       |  |
|-------|--------------------------|-------|-------|-------|-------|--------|--------|--------|-------|-------|-------|-------|-------|--|
|       | 0.010                    | 0.012 | 0.014 | 0.016 | 0.020 | 0.028  | 0.035  | 0.049  | 0.065 | 0.083 | 0.095 | 0.109 | 0.120 |  |
| 1/16" | 5600                     | 6860  | 8150  | 9840  | 12080 |        |        |        |       |       |       |       |       |  |
| 1/8"  |                          |       |       |       | 8,550 | 10,950 |        |        |       |       |       |       |       |  |
| 3/16" |                          |       |       |       | 5,500 | 7,100  | 10,300 |        |       |       |       |       |       |  |
| 1/4"  |                          |       |       |       | 4,100 | 5,200  | 7,600  | 10,300 |       |       |       |       |       |  |
| 5/16" |                          |       |       |       |       | 4,100  | 5,900  | 8,100  |       |       |       |       |       |  |
| 3/8"  |                          |       |       |       |       | 3,350  | 4,850  | 6,550  |       |       |       |       |       |  |
| 1/2"  |                          |       |       |       |       | 2,650  | 3,750  | 5,150  | 6,750 |       |       |       |       |  |
| 5/8"  |                          |       |       |       |       |        | 2,950  | 4,050  | 5,250 | 6,050 |       |       |       |  |
| 3/4"  |                          |       |       |       |       |        | 2,450  | 3,350  | 4,250 | 4,950 | 5,850 |       |       |  |
| 7/8"  |                          |       |       |       |       |        | 2,050  | 2,850  | 3,650 | 4,250 | 4,850 |       |       |  |
| 1"    |                          |       |       |       |       |        |        | 2,400  | 3,100 | 3,600 | 4,200 | 4,700 |       |  |

### NPT THREAD RATINGS

|       | MALE   | FEMALE |
|-------|--------|--------|
| 1/16" | 11,000 | 6,700  |
| 1/8"  | 10,000 | 6,500  |
| 1/4"  | 8,000  | 6,600  |
| 3/8"  | 7,800  | 5,300  |
| 1/2"  | 7,700  | 4,900  |
| 3/4"  | 7,300  | 4,600  |
| 1"    | 5,300  | 4,400  |

316 Stainless NPT

Multiply pressure by .80 for welded tube pressure rating.

Pressure stated is working pressure at -20° - 100°F

316 SS & 304 SS / ASTM A269-ASTM A213



## Other Products Available from Mako-Products / Superlok

Instrument Fittings

Threaded Ball Valves

Relief Valves

Threaded Needle Valves

Compression Needle Valves

Ultra High Purity Fittings

Stainless Steel Tubing

Double Block & Bleed Valves

Micron Filters

Threaded Check Valves

Manifolds

Flare Fittings

Compression Check Valves

High Pressure Fittings

Bleed & Purge Valves

Compression Ball Valves

Quick Connects

Tubing Clamps