



# Superior Corrosion Resistance, T&B Design.

The new 316 stainless steel liquidtight fitting features the familiar dome-shaped gland nut unique to T&B. Now you have superior corrosion resistance with the quality and performance you have come to expect from T&B.



## Learn more about Liquidtight fittings.

### Website

[www.tnb.com](http://www.tnb.com)

### Landing Page

For more information, visit our landing page at [www.tnb.com/ltfittings](http://www.tnb.com/ltfittings)

### Online CAD library

Thomas & Betts offers free downloads of two- and three-dimensional CAD models of many of its products in more than 90 native CAD formats at [tnb.com/cadlibrary](http://tnb.com/cadlibrary).

METALLIC LIQUIDTIGHT FITTINGS

**T&B Fittings**



Please ask your Thomas & Betts sales representative for a complete catalog of quality Thomas & Betts electrical products or visit us at [www.tnb.com](http://www.tnb.com). For customer service, call 1-800-816-7809. For technical questions, call 1-888-862-3289.

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# The features you need. The performance each job demands.



Flexible conduit is used in a wide variety of challenging environments. You need fittings to match. That's why T&B offers five different liquidtight lines. We have improved our stainless steel offering with a redesign and material upgrade. The stainless steel fitting is now manufactured from 316SS. We also offer an option with a stainless steel ground cone for superior corrosion resistance. This is ideal for any industrial MRO or OEM application where high performance is required, such as food and beverage, wastewater and chemical processing.

Each liquidtight fitting is designed to exceed expectations, whether you need protection against liquid ingress, corrosive conditions, or extreme temperatures. All are designed for easy installation and worry-free connections.

## Choose the right liquidtight solution.



### STEEL

For liquid- and dust-tight connections between liquidtight flexible metal conduit and a box or an enclosure.

**Size Range:** 1/4" to 6"

**Styles:** Straight, 45°, 90°

Insulated and Non-Insulated

**External Bonding:** Available in most sizes and styles



### NEW 316 STAINLESS STEEL



All the features of T&B Liquidtight Fittings - with superior corrosion resistance

**Size Range:** 3/8" to 2"

**Styles:** Straight, 45°, 90°

Insulated Only

Duraplated steel ground cone or stainless steel ground cone available

## THE LIQUIDTIGHT DIFFERENCE

### DOUBLE-BEVELED SEALING RING

- Soft, pliable material to ensure ease of slipping on conduit during installation
- Provides a custom conformity around conduit
- Reversible for easy installation
- Look for the T&B blue, ensuring the highest-quality fitting



Pictured here is the steel Quick-Connect™ version of the gland nut and sealing ring. Orange color signifies push-in feature.

### ROLLED THREADS OF ENGAGEMENT

- Rolled threads are stronger than a formed thread
- Rolling eliminates burrs, making installation faster and easier
- Plenty of threads make the connection to the gland nut or locknut more secure
- Drawn steel body
- Heat-curved insulator—will not fall out; not glued in, provides less friction for wire pull

### HEAT-CURLED INSULATOR

- Excellent wire protection
- Easier glide of conductors
- More strength than glue-in insulators
- Will not fall out

### CASE-HARDENED LOCKNUT

- Case hardening provides superior strength
- Sharp teeth bite through paint and finish to create a superior bond
- Teeth prevent locknut from “spinning” if tightening from the fitting body

### GLAND NUT

- “Umbrella” design pushes liquids away from the box (no pooling)
- Serrated threads provide fail-safe for water to escape
- Double plated for extra corrosion protection
- Self-cleaning threads
- 7 threads to ensure strength

### SAFE EDGE® GROUND CONE

- “Edge” provides great contact between the fitting and the convolutions of the conduit
- Provides superior bonding and pull-out
- Ideal for the “not-so-perfect” cut of liquidtight conduit
- Reusable construction



Pictured here is the steel Quick-Connect™ version of the Ground Cone.

### LIQUIDTIGHT SEALING GASKET

- 316 stainless steel ring provides corrosion protection and prevents elongation
- Filled with a TPE (Thermoplastic Elastomer) to provide a higher temperature rating and better chemical resistance compared to other sealing gaskets
- Look for the T&B Blue

### EXTERNALLY BONDED FITTING

- Used where external bonding jumper is required around liquidtight flexible metal conduit
- To positively bond conduit to box or enclosure
- Used where flexible raceway is installed in indoor and outdoor locations where exposed to continuous or intermittent moisture

## HIGH-TEMPERATURE

Designed for extreme temperatures up to 150° C.

**Size Range:** 3/8" to 4", Straight  
3/8" to 2", 45° & 90°

**Styles:** Straight, 45°, 90°

Insulated Only



## ALUMINUM

The strong, yet lightweight solution for a corrosive environment.

**Size Range:** 3/8" to 4", Straight  
3/8" to 2", 90°

**Styles:** Straight, 90°

**External Bonding:** Available in 3/8" to 1"

Non-Insulated Only



## STEEL QUICK-CONNECT™

Innovative labor-saving design. No disassembly required.

**Size Range:** 3/8" to 1"

**Styles:** Straight, 45°, 90°

Insulated and Non-Insulated



**Vertical Markets** | *Chemical Processing, Civil Infrastructure, Data Centers, Food & Beverage, Metals & Mining, Oil & Gas, Panel Builders & System Integrators, Power Generation, Rail, Pulp & Paper, Renewable Energy, Water/Wastewater*

**Solution Sets** | *Corrosion & Harsh Environment Protection, Continuous Operation & Sustainability, Extreme Temperature Protection, Grounding & Bonding, Liquid Ingress Protection, SKU Reduction*