



ABB Installation Products 2025 Innovations

New Products from 2025

ENGINEERED
TO OUTRUN

—

Industrial

Ty-Heat™ PEEK high-performance cable ties

New Product Overview



Ty-Heat™ TYPK series cable ties are made from PEEK (polyetheretherketone), a high-performance thermoplastic that provides:

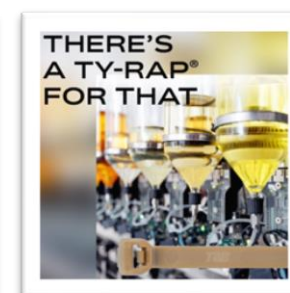
- Exceptional mechanical strength in extreme temperatures from -76 °F to 464 °F (-60 °C to 240 °C)
- Excellent resistance to chemicals and radiation
- Long life expectancy



FEATURES & BENEFITS

- Single-piece non-metallic, non-conductive construction
- Low outgassing (ASTM E595 compliant)
- Halogen-free and UL 94V-0 flame rated for low smoke / toxicity
- Standards compliant:
 - UL 62275 Type 1
 - CSA C22.2 No. 62275:21 Type 1
 - IEC 62275 Type 1
- **Target industries:**
 - Aerospace
 - Steel Mills / metals processing
 - Oil & Gas / Chemical processing
 - Pharmaceutical
 - Nuclear energy
 - Power generation

RESOURCES



[Product Brochure](#)

[TDS](#)

T&B Liquidtight Systems® Type A Fittings: 1 ½" & 2"

New Product Overview

T&B Liquidtight Systems®

By adding 1 ½" and 2" size non-metallic fittings, T&B Liquidtight Systems™ now has a complete range of Type A non-metallic conduit and fitting solutions for reliable food and beverage systems.

Fittings include:

- Glass-reinforced thermoplastic body and gland
- Neoprene O-ring
- Case hardened, zinc-plated steel locknut with teeth to help resist vibration



FEATURES & BENEFITS

- Full range of cost-effective non-metallic fittings from 3/8" to 2"
- Straight and 90° elbow fittings
- Excellent corrosion and ingress protection

UL listed (UL Type 4/12)

IEC IP66/IP69 ingress protection

RESOURCES


**LARGER-SIZE
FITTINGS NOW
AVAILABLE**



[Application Profile](#)

[TDS](#)


[ABB Website](#)



Type A non-metallic conduit fittings
Now available in 1½" and 2" sizes

T&B Liquidtight Systems

[LEARN MORE](#)



T&B Liquidtight® 5" & 6" Fittings

New Product Overview

The T&B Liquidtight Systems® new and improved 5" and 6" fitting design offers unique features that help ensure a reliable, long-lasting connection. Low weight, resistance to corrosion and extreme temperatures, ideal for a variety of applications

- **Lightweight construction** provides easy installation
- **Time savings = labor savings** – Field installable ground lugs available to install with fitting
- **Wide & extreme temperature ratings** Suitable for temperatures from -60 to 150 °C (-76 to 302 °F)
- **Superior corrosion resistance** compared to standard steel fittings



FEATURES & BENEFITS

- Trade sizes from 5" to 6" (129mm to 155mm)
- Insulated throat protects conductor jackets
- Straight and 30° elbow fittings
- 30° elbows enable easy installation for offset connections
- NPSL threads on enclosure side of fitting
- Coordinated performance with T&B Liquidtight Systems Flexible Metallic Conduits: – Type LTAE, LTGE, LTTE and LTZE
- NEMA Type 4, 12 and IP66 ingress ratings
- **Key Applications/Vertical Markets**
- Data Centers, DOT Transportation, Bridges and Infrastructure, Metals, Mining

T&B Liquidtight Systems®

RESOURCES



[Application Profile](#)

[ABB Website](#)

[TDS](#)

[Landscape](#)

Color-Keyed® Aluminum-narrow-tongue, long-barrel, two-hole Lugs

New Product Overview

Narrow tongue design offers lug with tongues that are the same width as the barrel, saving space, ideal for circuit breaker connections in crowded panels.



FEATURES & BENEFITS

- Narrow tongue — the same width as the barrel— saves space, ideal for circuit breaker connections in crowded panels.
- Electro tin-plated aluminum construction offers lighter weight and greater economy than copper — and is dual rated for use with aluminum or copper conductors.
- Available in sizes to terminate 2/0 AWG to 1000 kcmil conductors.
- Range-taking designs for 350–500 kcmil or 500–750 kcmil cable sizes with just one lug.
- Color-Keyed color-coded identification system for easy matching of connectors with correct crimp dies for reliable, long-lasting power connection.
- • UL listed, CSA certified, RoHS compliant.

Key Applications/Vertical Markets

- Data Centers, Renewables

RESOURCES

[Catalog](#)[Product Brochure](#)[TDS](#)[ABB Website](#)[Landscape](#)

Ocal® PVC to PVC Coated Adapter

New Product Overview



Streamlines connection of PVC-coated to PVC rigid conduit.

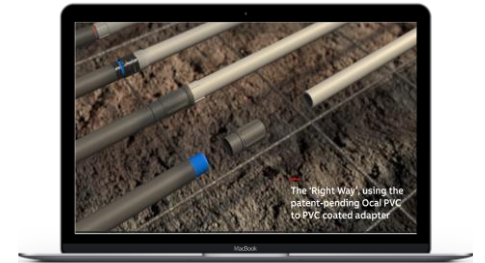
Slip joint / Threaded joint combo allows for fewer parts and provides tangible time/labor savings.



FEATURES & BENEFITS

- Over-molded flexible PVC pressure-sealing sleeve protects the PVC-coated conduit at the connection
- Available in trade sizes from 3/4" to 4"

RESOURCES



[3D Video Overview](#)

Liquidtight cable entry plates (Type CEP)

New Product Overview

T&B Liquidtight Systems™

The faster, easier way to bring multiple cables into an industrial enclosure with liquid-tight protection.



FEATURES & BENEFITS

- Available in CEF (fixed) and CEC (configurable) formats
- cURus UL recognized
- UL 508 complaint
- IEC IP66 and UL Type 4, 4X, 12, and 13 ingress protection.

RESOURCES



Product Flyer



3D Video Overview

Liquidtight non-metallic locknuts

New Product Overview

Use of NM locknuts with NM fittings in wet and corrosive environments helps eliminate risk of galvanic corrosion and failure.



T&B Liquidtight Systems™

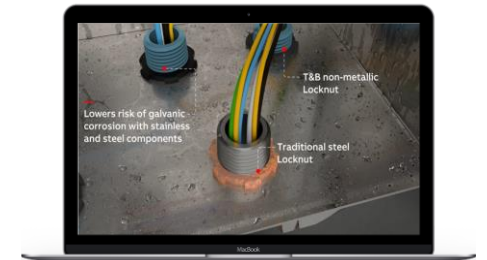
FEATURES & BENEFITS

- Rugged glass-fiber filled nylon construction
- Features NPSL threads for use with NPT fittings
- Available in 3/8 to 1" sizes with 1 1/4 to 2" coming soon.

RESOURCES



Product Flyer



3D Video Overview

T&B Liquidtight 1.5"-2" stamped 5300 fittings

Premier Industrial

T&B Liquidtight Systems™

Series 5300 and 5300HT fittings sand-cast crown gland nut replaced with stamped steel pumpkin gland nut design



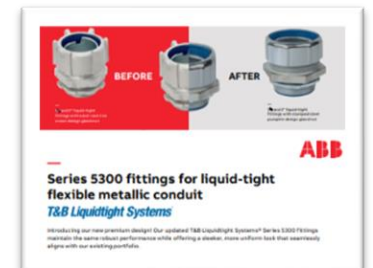
FEATURES & BENEFITS

- 1 ½ and 2" sizes of Series 5300 fittings now stamped steel

RESOURCES



Product Flyer



Postcard Insert

ABB