

Thomas & Betts

***Lightweight Aluminum Liquidtight Conduit...
Perfect for Corrosive Environments***

T&B® Fittings

Aluminum Liquidtight
Conduit and Aluminum
Liquidtight Fittings



T&B's LTA Flexible Aluminum Conduit

Designed to resist corrosion

Specify T&B's new LTA Flexible Aluminum Conduit to use with T&B AL-Series Liquidtight Fittings in corrosive environments or where weight is a major consideration — such as oil platforms, salt water applications, pulp and paper, refineries, wastewater and food processing.

- Aluminum conduit engineered to be light and corrosion resistant
- The lightweight solution for mission-critical applications

Specifications for Conduit

- Construction:** Utilizes the flexibility of a lightweight aluminum core, coupled with the advantage of a PVC jacket that is virtually unaffected by sunlight, acid and oil. WEE and RoHS compliant
- Application:** Used in situations where concerns of excessive weight and corrosion exist
- Standard Color:** Machine tool gray
- Working Temperature:** -20° C to +80° °C



Ideal for lightweight requirements such as trains, planes and on oil platforms.



Revolver® Grounding Fitting

Saves time and money using our infinitely adjustable rotating ground lug. Simply align the lug in your preferred position and tighten the gland. You'll never need to worry about tightening it into an inconvenient position again.



Add suffix -GR to the fitting catalog number to order the Revolver® Grounding version.



The T&B Aluminum Conduit and Fitting system suits the corrosive conditions of food processing plants.

Aluminum Conduit and Aluminum Liquidtight Fittings

T&B Makes Liquidtight Fittings for Demanding Situations.

Gland deflects water away from connector and prevents “pooling” of moisture. Look for the distinctive “Pumpkin” appearance of the gland nut.

Self-Cleaning Threads inside aluminum gland nut keep dirt and grime out of the threads as you tighten.

Double Beveled Sealing Ring is designed with five unique sealing mechanisms and cannot be installed backwards. Manufactured of high-temperature rated thermoplastic to demanding specifications.

Safe Edge® Ground Cone provides superior bonding, stronger pullout, easy threading and conductor protection. Look for the distinctive “ski slope” appearance within the “pumpkin” gland nut.

Precision Machined Rolled Threads provide smooth, easy installations.

Tempered Cast Aluminum Locknut with Teeth provides superior strength and electrical bonding and can be installed without a wrench in the enclosure.



The exclusive design features of the aluminum version of the T&B Liquidtight Fitting is perfect for corrosive environments.



T&B Aluminum Liquidtight Fittings and grounded versions are available straight and 90°.

Trust only the Aluminum Series
Liquidtight Fittings by Thomas & Betts
in your next installation.



Specifications for LTA Conduit

Construction: Utilizes the flexibility of a light-weight aluminum core, coupled with the advantage of a PVC jacket that is virtually unaffected by sunlight, acid and oil. WEEE and RoHS compliant

Application: Used in situations where concerns of excessive weight and corrosion exist

Standard Color: Machine tool gray

Working Temperature: -20° C to +80° °C

Standard Materials/Finish

LTA Conduit:
 Conduit Core Aluminum
 Outer Jacket PVC



Add suffix -GR to the fitting catalog number to order the Revolver® Grounding version.

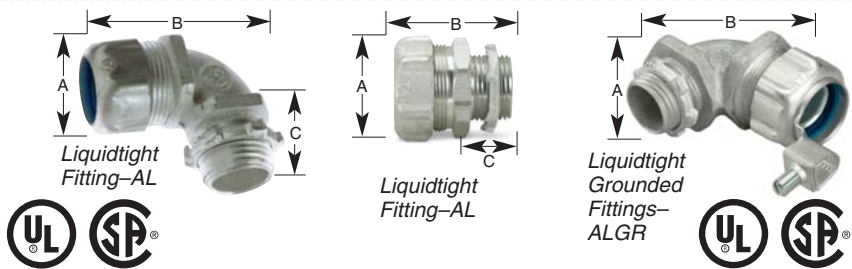
LTA Aluminum Flexible Liquidtight Conduit

Cat. Number	Conduit Size	Length (ft.)	Inside Bend Radius (in.)	Wt. (lbs.)/ 100 ft.	Wt. (lbs.)/ 50 ft.
LTA50-100	½"	100	2.5	15	—
LTA75-100	¾"	100	3.0	20	—
LTA100-100	1"	100	4.0	29	—
LTA125-50	1¼"	50	4.5	—	20
LTA150-50	1½"	50	5.5	—	28
LTA200-50	2"	50	7.0	—	36.5
LTA250-25	2½"	25	9.5	188	—
LTA300-25	3"	25	11.5	244	—
LTA400-25	4"	25	14	332	—

Standard Materials/Finish

Fittings:

Body, Gland, Locknut Aluminum
 Sealing Ring Thermoplastic
 Zinc Plating with Clear Chromate
 Ground Cones



Liquidtight Fittings—AL

Cat. Number	Conduit Size	Dimensions		
		A	B	C
Straight				
5231AL	¾"	1½"	1½"	9/16"
5232AL	½"	1¾"	1¾"	9/16"
5233AL	¾"	1 ²¹ / ₃₂ "	1¾"	9/16"
5234AL	1"	1¾"	2¼"	¾"
5235AL	1¼"	2 ⁹ / ₃₂ "	2½"	13/16"
5236AL	1½"	2 ²² / ₃₂ "	2 ¹¹ / ₁₆ "	13/16"
5237AL	2"	3¼"	3¼"	7/8"
5238AL	2½"	3¾"	4¼"	1"
5239AL	3"	4½"	4¼"	1"
5240AL	4"	5½"	4½"	1½"
90°				
5251AL	¾"	1½"	1¾"	9/16"
5252AL	½"	1¾"	1¾"	9/16"
5253AL	¾"	1 ²¹ / ₃₂ "	1¾"	9/16"
5254AL	1"	1¾"	2¼"	¾"
5255AL	1¼"	2 ⁹ / ₃₂ "	2¾"	13/16"
5256AL	1½"	2 ²³ / ₃₂ "	2 ¹⁵ / ₁₆ "	13/16"
5257AL	2"	3¼"	3¼"	7/8"

Liquidtight Grounded Fittings—ALGR

Cat. Number	Conduit Size	Dimensions		
		A	B	C
Straight				
5231ALGR	¾"	1½"	1½"	9/16"
5232ALGR	½"	1¾"	1¾"	9/16"
5233ALGR	¾"	1 ²¹ / ₃₂ "	1¾"	9/16"
5234ALGR	1"	1¾"	2¼"	¾"
90°				
5251ALGR	¾"	1½"	1¼"	9/16"
5252ALGR	½"	1¾"	1¾"	9/16"
5253ALGR	¾"	1 ²¹ / ₃₂ "	1 ¹³ / ₁₆ "	9/16"
5254ALGR	1"	1¾"	2¼"	¾"

Ground Wire D 14-8 — 5231ALGR, 5232ALGR

Ground Wire D 14-4 — 5233ALGR, 5234ALGR

Ground Wire D 14-8 — 5251ALGR, 5252ALGR

Ground Wire D 14-4 — 5253ALGR, 5254ALGR

www.tnb.com

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

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