

52®/53® Series Liquidtight Fittings and Flexible Metallic Conduits

53® Series High-Temperature Flexible Metal Liquidtight Fittings

Where liquidtight flexible metal fittings are required in high-temperature environments up to 150° C:



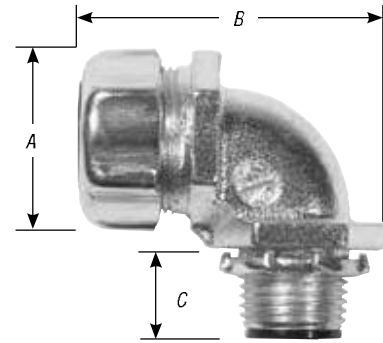
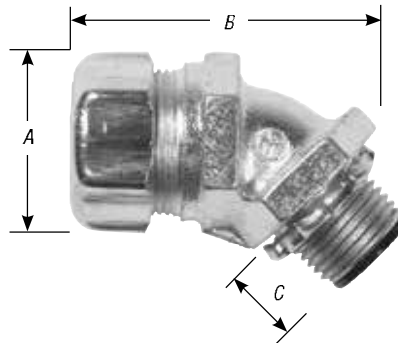
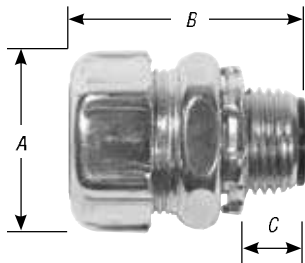
T&B HT-Series Liquidtight Fittings are available straight, 45° and 90°.

- The fitting shall have a steel ground cone to:
 - provide high-quality ground contact
 - single helical thread for easy installation into conduit
 - rolled over edge to protect conductors
 - The fitting shall have a plastic sealing ring to:
 - grip and seal at leading and trailing edge (double bevel up to 2") of conduit jacket
 - provide a watertight/oiltight seal
 - The fittings shall be capable to terminate the conduit in either a threaded or threadless opening
 - For applications where termination into a threaded opening is required, the fitting shall have external tapered NPT threads
 - Fittings shall conform to UL 514B*
 - Accepted Manufacturers: Thomas & Betts — 5331-HT straight series, 5341-HT 45° series, 5351-HT 90° series; 5262 sealing ring series
- * These fittings are not UL Listed.
- Fitting's body, gland, locknut and ground cone shall be constructed from steel or malleable iron, electro-zinc plated and chromate coated for corrosion protection
 - Fitting's sealing ring and throat insulator will be molded from high-temperature nylon, suitable for temperatures up to 150° C and a minimum UL flammability rating of UL94-V2
 - The fitting shall be constructed to accept high-temperature flexible metal liquidtight conduit rated to 150° C
 - The fitting shall have a plastic throat insulator to protect conductors



ATX Flexible Liquidtight Conduit

CAT. NO.	CONDUIT SIZE	LENGTH (FT.)	INSIDE BEND RADIUS (IN.)
ATX038-TB	3/8"	100	1.5
ATX050-TB	1/2"	100	2.0
ATX075-TB	3/4"	100	2.5
ATX100-TB	1"	100	3.0
ATX125-TB	1 1/4"	50	3.5
ATX150-TB	1 1/2"	50	4.5
ATX200-TB	2"	50	5.5
ATX250-TB	2 1/2"	25	8.0
ATX300-TB	3"	25	10.0
ATX400-TB	4"	25	12.0



Straight Liquidtight Fittings — HT

CAT. NO.	CONDUIT SIZE	DIMENSIONS		
		A	B	C
5331-HT	3/8"	1 1/32"	1 1/2"	3/16"
5332-HT	1/2"	1 3/8"	1 1/16"	3/16"
5333-HT	3/4"	1 21/32"	1 5/8"	3/16"
5334-HT	1"	1 1/8"	2 1/16"	3/4"
5335-HT	1 1/4"	2 3/32"	2 1/2"	1 3/16"
5336-HT	1 1/2"	2 29/32"	2 11/16"	1 3/16"
5337-HT	2"	3 1/4"	3 1/16"	1/8"
5338-HT	2 1/2"	3 3/4"	4 1/8"	1"
5339-HT	3"	4 1/2"	4 1/4"	1"
5340-HT	4"	5 1/2"	4 1/2"	1 1/8"

45° Liquidtight Fittings — HT

CAT. NO.	CONDUIT SIZE	DIMENSIONS		
		A	B	C
5341-HT	3/8"	1 1/32"	1 1/16"	3/16"
5342-HT	1/2"	1 3/8"	7/8"	3/16"
5343-HT	3/4"	1 21/32"	2 1/8"	3/16"
5344-HT	1"	1 1/8"	2 1/4"	3/4"
5345-HT	1 1/4"	2 3/32"	2 3/4"	1 3/16"
5346-HT	1 1/2"	2 29/32"	2 3/4"	1 3/16"
5347-HT	2"	3 1/4"	3 3/8"	1/8"

90° Liquidtight Fittings — HT

CAT. NO.	CONDUIT SIZE	DIMENSIONS		
		A	B	C
5351-HT	3/8"	1 1/32"	1 3/8"	3/16"
5352-HT	1/2"	1 3/8"	1 1/16"	3/16"
5353-HT	3/4"	1 21/32"	1 3/4"	3/16"
5354-HT	1"	1 1/8"	2 3/16"	3/4"
5355-HT	1 1/4"	2 3/32"	2 3/4"	1 3/16"
5356-HT	1 1/2"	2 29/32"	2 3/4"	1 3/16"
5357-HT	2"	3 1/4"	3 1/16"	1/8"