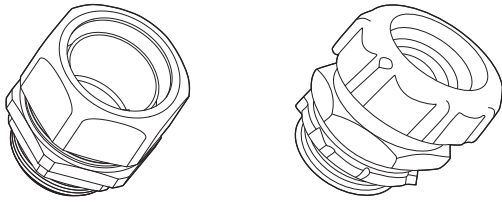

 INSTALLATION GUIDE

Fittings, nickel plated brass

For liquid-tight flexible metallic conduit

T&B Liquidtight Systems®



Only in sizes: 2 1/2", 3" and 4"


Caution:

- Product should be installed by a qualified electrician in accordance with national and local electrical codes.


Warning:

- Risk of shock, disconnect power before installation.


CAUTION:

- Wear protective gloves.


CAUTION:

- Wear safety glasses.

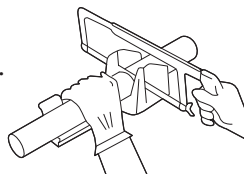
This guide shows the proper method of installing liquid-tight T&B® Fittings. The selection of the proper raceway, the most appropriate T&B Fitting plus correct installation techniques will help provide both the high performance and reliability demanded by specifying engineers.

LFMC Cutting Instructions:
DO NOT USE ABRASIVE WHEEL.

1. Cut the end of the flexible conduit with a clean square cut.
 - Use metal jig. (Available from conduit manufacturers)
 - Use 32 Tooth/In. no. set, sharp hacksaw.
 - For high production use 24-32 Tooth/In. set, power band saw, not more than 400'/minute.


WARNING:

- Keep hands away from the cutting blade when cutting. Failure to observe this warning could result in severe injury or death.


Important

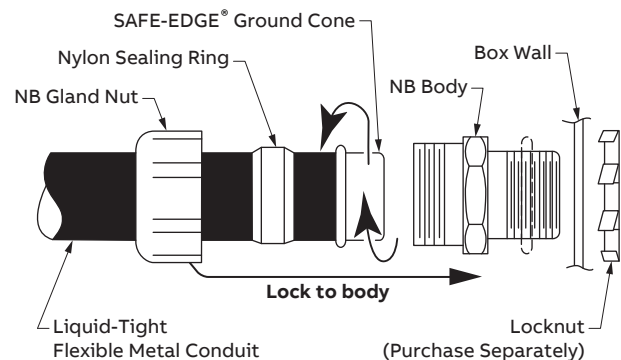
Read and understand all instructions and safety information before use. Be aware of proper usage and potential hazards.


SPECIFICATIONS FOR Liquid-Tight T&B® Fittings:

- UL Listed per UL514B and UL50E
- CSA Certified per Std. C22.2 No. 18
- NPT threads per ANSI/ASME B1.20.1
- ISO Metric threads per EN 60423.
- Replace the "x" in the part number by the following: "3" for straight fitting, "4" for 45° angle, "5" for 90° angle. Ex. 9332-NB for a straight with M20 threads.

Assembly:

- A. Slide on gland nut.
- B. Slide on nylon sealing ring.
- C. Thread in SAFE-EDGE® ground cone.
- D. For knockout applications, use T&B® Series LNB locknuts and Series 5260 seal gaskets. Refer to table. (Purchase separately)
- E. Tighten gland nut to UL recommended value, refer to table on page 2 of 2.



Fittings, nickel plated brass

For liquid-tight flexible metallic conduit

Product selection											
Nickel plated brass liquid-tight fitting				Seal gasket ¹⁾	Gland nut			Locknuts ³⁾			
Cat no:	Trade size			Style	Thread type	Part No.	Tightening torque		Part No.	Tightening torque	
	Inch	Metric	BS EN				lb-in (UL)	N-m		lb-in	N-m
53x1-NB	3/8"	12	16	Straight 45° & 90°	3/8" NPT	5261	235	26.6	LNB/038	70	7.9
53x2-NB	1/2"	16	20		1/2" NPT	5262	300	33.9	LNB/050	80	9.0
53x3-NB	3/4"	21	25		3/4" NPT	5263	500	56.5	LNB/075	110	12.4
53x4-NB	1"	27	32		1" NPT	5264	700	79.1	LNB/100	135	15.3
53x5-NB	1 1/4"	35	40		1 1/4" NPT	5265	1,000	113	LNB/125	160	18.1
53x6-NB	1 1/2"	41	50		1 1/2" NPT	5266	1,200	136	LNB/150	190	21.5
53x7-NB	2"	53	63		2" NPT	5267	1,600	181	LNB/200	240	27.1
5338-NB	2 1/2"	63	70	Straight	2 1/2" NPT	5268	1,600	181	See Note 4)	290	32.7
5339-NB	3"	78	80		3" NPT	5269	1,600	181		350	39.5
5340-NB	4"	103	100		4" NPT	5270	1,600	181		450	50.8
93x0-NB ²⁾	3/8"	12	16	Straight 45° & 90°	M16	Supplied with Seal O-Ring as standard	235	22.6	LNB/M16	70	7.9
93x1-NB ²⁾	3/8"	12	16		M20		235	22.6	LNB/M20	80	9.0
93x2-NB ²⁾	1/2"	16	20		M20		300	33.9	LNB/M20	80	9.0
93x3-NB ²⁾	3/4"	21	25		M25		500	56.5	LNB/M25	110	12.4
93x4-NB ²⁾	1"	27	32		M32		700	79.1	LNB/M32	135	15.3
93x5-NB ²⁾	1 1/4"	35	40		M40		1,000	113	LNB/M40	160	18.1
93x6-NB ²⁾	1 1/2"	41	50		M50		1,200	136	LNB/50	190	21.5
93x7-NB ²⁾	2"	53	63	M63	1,600	181	LNB/63	240	27.1		

Note: Product must be installed in accordance with applicable national and local electrical codes.

1) Required for liquid-tight and dust-tight installations

2) These products are intended for use with threaded openings. For use in through hole knockouts, use recommended locknut and fastening procedures.

3) UL, CSA & NEMA recommendation for tightening procedure: "A locknut is to be hand-tightened and then further tightened 1/4 turn with a hammer and a standard screwdriver or by an equivalent method."

4) Locknut supplied as standard with liquid-tight fitting.