

# CP Liquidtight Conduit Fittings LTK Low Profile Series

CP Liquidtight

## Applications

Flexible metallic (liquidtight) conduit used with Cooper Crouse-Hinds® Liquidtight fittings is designed to protect conductors from mechanical damage due to vibration and movement while sealing out cutting oils, coolants, water, dust, ect. Typical applications include the wiring of machine tools, motors, transformers, food processing equipment, robotics, air conditioning units, illuminated signs, etc.

The low profile liquidtight fittings are designed specifically for OEM applications that require close side-by-side mounting of multiple liquidtight fittings in tight spaces.

## Standard Materials

- Body – steel (straight fittings), malleable iron (angle fittings)
- Gland nut – steel
- Ferrule – steel
- Gland nut sealing ring – nylon
- Sealing gasket – polypropylene

## Standard Finishes

- Steel – zinc electroplate
- Malleable iron – zinc electroplate
- Nylon – natural
- Polypropylene – natural

## Certifications and Compliances

- NEC: Class I, Division 2 (Zone 2)  
Class II, Division 1 and 2  
Class III, Division 1 and 2
- UL Standards: 514B, 467
- CSA Standard: C22.2 No. 18

## Ordering Information: Straight Connectors

Conduit Size	Non-insulated Cat.No.	Insulated Cat.No.
3/8"	LTK38	LTBK38
1/2"	LTK50	LTBK50
3/4"	LTK75	LTBK75
1"	LTK100	LTBK100
1 1/4"	LTK125	LTBK125
1 1/2"	LTK150	LTBK150
2"	LTK200	LTBK200

## 45° Connectors

Conduit Size	Non-insulated Cat.No.	Insulated Cat.No.
3/8"	LTK3845	LTBK3845
1/2"	LTK5045	LTBK5045
3/4"	LTK7545	LTBK7545
1"	LTK10045	LTBK10045
1 1/4"	LTK12545	LTBK12545
1 1/2"	LTK15045	LTBK15045
2"	LTK20045	LTBK20045

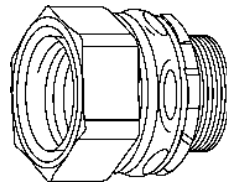
## 90° Connectors

Conduit Size	Non-insulated Cat.No.	Insulated Cat.No.
3/8"	LTK3890	LTBK3890
1/2"	LTK5090	LTBK5090
3/4"	LTK7590	LTBK7590
1"	LTK10090	LTBK10090
1 1/4"	LTK12590	LTBK12590
1 1/2"	LTK15090	LTBK15090
2"	LTK20090	LTBK20090

## Replacement Ferrules

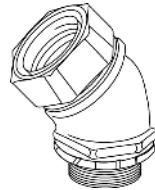
Conduit Size	Cat. No.
3/8"	LTKF38
1/2"	LTKF50
3/4"	LTKF75
1"	LTKF100
1 1/4"	LTKF125
1 1/2"	LTKF150
2"	LTKF200

## Dimensions Straight Connectors



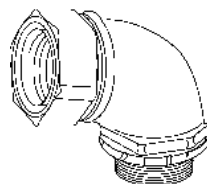
Over Round	Corner Hex	N.P.T. Thread Length		
A (in.)	A (in.)	B (in.)	C (in.)	
1 3/32	1 1/32	1 3/16	1 9/32	
1 3/16	1 1/8	1 11/32	1 9/32	
1 7/16	1 3/8	1 7/16	1 9/32	
1 3/4	1 11/16	1 5/8	2 1/32	
2 5/32	2 1/16	1 27/32	4 3/64	
2 3/8	2 9/32	2	2 3/32	
2 7/8	2 25/32	2 1/8	2 3/32	

## 45° Connectors



Over Round	Corner Hex	Over N.P.T. Thread Length			
A (in.)	A (in.)	B (in.)	C (in.)	D (in.)	
1 3/32	1 1/32	1 7/32	1 1/32	1 9/32	
1 3/16	1 1/8	1 5/16	1 1/32	1 9/32	
1 7/16	1 3/8	1 3/8	1 1/8	1 13/32	
1 3/4	1 11/16	1 21/32	1 1/4	2 1/32	
2 5/32	2 1/16	1 23/32	1 11/32	1 1/16	
2 3/8	2 9/32	2	1 15/32	2 3/32	
2 7/8	2 25/32	2 9/32	1 5/8	2 3/32	

## 90° Connectors



Over Round	Corner Hex	Over N.P.T. Thread Length			
A (in.)	A (in.)	B (in.)	C (in.)	D (in.)	
1 3/32	1 1/32	1 9/32	1 1/4	9/16	
1 3/16	1 1/8	1 21/32	1 1/4	9/16	
1 7/16	1 3/8	1 25/32	1 17/32	9/16	
1 3/4	1 11/16	2 3/16	1 27/32	2 1/32	
2 5/32	2 1/16	3 3/8	1 15/16	1 1/16	
2 3/8	2 9/32	2 5/8	2 3/32	2 3/32	
2 7/8	2 25/32	3 1/16	2 13/32	2 3/32	