

Ajmeri Industries

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Ajmeri Industries

Flexible Metal Conduit Solutions



Introduction

Ajmeri Industries has brought together innovation and engineering in our quality Controlled process for producing an outstanding line of Flexible metal conduits.

We know that in the today's world you need conduits that can be trusted to work hard for years even in hard situations.

Flexible conduits products give you the robust characteristics your specific applications require. Whether you need conduits for confined public spaces such as subways, tunnels and underground rooms or conduits for hazardous environments

Our products range of flexible conduits is ready to serve your demanding needs.

We produce liquid tight conduits in a variety of colors' & specifications

We've manufactured a flexible, strong, and performance driven conduit ready to meet the demands of constant motion equipment

We are proud of the manufacturing processes we've brought together in order to produce the flexible conduits you need for your harsh, oily, wet, hot, cold, or hazardous environments.

Take a look; we think you'll agree [Ajmeri Industries your partner yesterday, today and into the future.](#)



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Liquid Tight Flexible Conduit Square locked Type- LTFC

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Double Interlock Flexible conduit

Pvc Coated Flexible Conduit

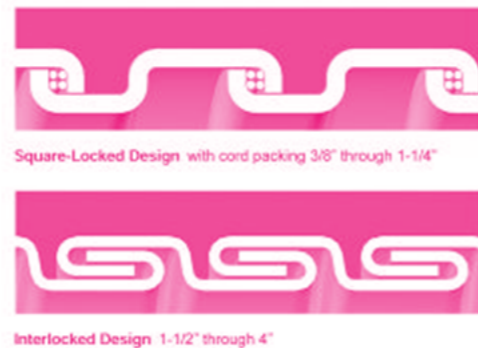
Galvanized Steel Flexible conduit

Reduced Wall Flexible conduit

Low Fire Hazard Coated Flexible Conduit

Low Fire Hazard Coated Interlock Liquid Tight Conduit





Liquid Tight flexible Conduit Extreme Temperature Series Specifications:

- IP rating: IP66 + IP67 + IP68 +IP69
- Good flexibility
- High Compression strength
- Compiles with FDA Regulation 21 CFR 177.2600
- High Tensile Strength
- Resistant to Oils and Mild Acids
- Extreme Climatic Conditions temperature range: - -45°C to 135°C
- Manufactured to UL 360 Dimensions
- Black. Other colours available upon request.
- Self-extinguishing to EN-61386-2-3
- UV Resistant
- Halogen free

Part No.	Trade size	Trade Size mm	inner dia min (mm)	inner dia max (mm)	external dia min (mm)	external dia max (mm)	Bending radius (mm)
HTXL 1	3/8"	16	12.30	12.80	17.50	18.00	45.00
HTXL 2	1/2"	20	15.80	16.30	20.80	21.30	60.00
HTXL 3	3/4"	25	20.80	21.30	25.20	26.70	85.00
HTXL 4	1"	32	26.40	27.00	32.80	33.40	96.00
HTXL 5	1 1/4"	40	35.00	35.80	41.40	42.20	109.00
HTXL 6	1 1/2"	50	40.00	40.60	47.40	48.30	130.00
HTXL 7	2"	63	51.30	52.00	59.40	60.30	160.00
HTXL 8	2 1/2"	70	63.00	63.60	72.10	73.00	220.00
HTXL 9	3"	80	78.00	78.80	87.90	88.90	254.00
HTXL 10	4"	100	101.60	102.60	113.30	114.30	325.00

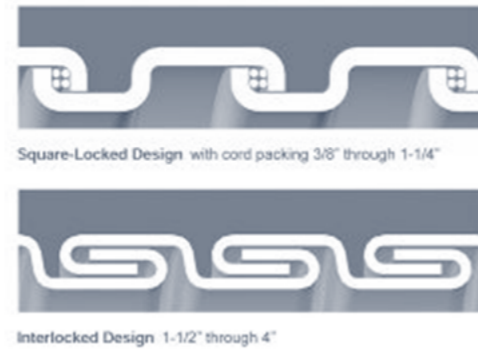


The **Liquid Tight flexible Conduit Extreme Temperature Series – HTXL** .Shaped into a square locked steel conduit with hot dipped galvanized steel strip having a constant width and thickness with cord packing .This type of Non- UL Liquid tight flexible conduit. Heavy layer of Thermoplastic Rubber is extruded.

RoHS, Sunlight resistance jacketing make Type **HTXL** a verified choice for uses where temperature is important concern.

Liquid Tight flexible Conduit Extreme Temperature Series Features:

- Weathering resistant steel for permanent mechanical protection.
- Fights sunlight, heat, oil and chemical degradation.
- Plane inner for easy wire pull-thru.
- Accepts standard liquid-tight connectors.
- Offer ongoing wiring safety where registered products are not mandatory.
- Normally valid temperature range: - -45°C to 135°C
- Corrosion Resistant Plated Steel
- 3/8" – 2" Square lock Profile
- 2" – 4" Fully Interlocked Profile
- 3/8" – 2" Contain Nylon Cord Packing



ZERO HALOGEN Liquid tight Flexible Steel Conduit (LFMC), Type LTZHU

- IP rating: IP66 + IP67 + IP68
- Cover does not wrinkle when bent
- Resistant to oils and greases
- UV resistant and suitable for external use
- Low Smoke
- Low Toxicity



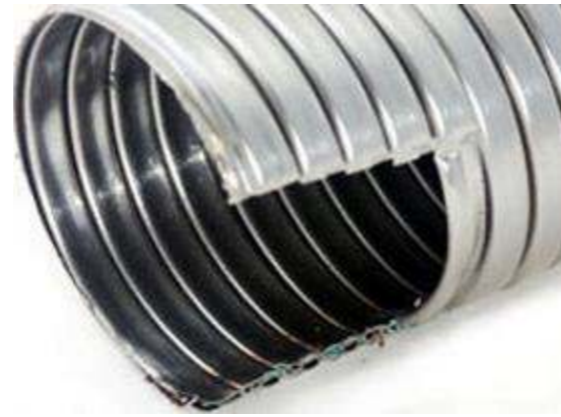
The **ZERO HALOGEN Liquid tight Flexible Steel Conduit (LFMC), Type LTZHU** shaped into a square locked steel conduit with hot dipped galvanized steel strip having a constant width and thickness. This type of Non- UL Liquid tight flexible conduit. Heavy layer of Zero halogen thermoplastic is extruded.

Non-halogen, low smoke and low flame spread make **Type LTZHU** a verified choice for uses where preventive toxic materials of combustion are an important concern. It is ideal used in installation limited, public areas such as subways, tunnels, etc.

Liquid Tight Flexible Conduit Type LTZHU Features:

- Extra flexible liquid tight conduit for extra easy use.
- Weathering resistant steel for permanent mechanical protection.
- Durable, scratch resistant PVC Coating won't wrinkle or shrink from cut ends.
- Full shield against most liquids and moisture vapor.
- Fights sunlight, heat, oil and chemical degradation.
- Plane inner for easy wire pull-thru.
- Accepts standard liquid-tight connectors.
- Offer ongoing wiring safety where registered products are not mandatory.
- Normally valid temperature range: -40°C to 80°C Air / 60°C Wet / 70°C Oil

Part No.	Trade size	inner dia min (mm)	inner dia max (mm)	external dia min (mm)	external dia max (mm)	Bending radius (mm)
LTZHU 1	3/8"	12.30	12.80	17.50	18.00	50.00
LTZHU 2	1/2"	15.80	16.30	20.80	21.30	80.00
LTZHU 3	3/4"	20.80	21.30	25.20	26.70	105.00
LTZHU 4	1"	26.40	27.00	32.80	33.40	165.00
LTZHU 5	1 1/4"	35.00	35.80	41.40	42.20	200.00
LTZHU 6	1 1/2"	40.00	40.60	47.40	48.30	225.00
LTZHU 7	2"	51.30	52.00	59.40	60.30	280.00
LTZHU 8	2 1/2"	63.00	63.60	72.10	73.00	370.00
LTZHU 9	3"	78.00	78.80	87.90	88.90	440.00
LTZHU 10	4"	101.60	102.60	113.30	114.30	600.00



Application

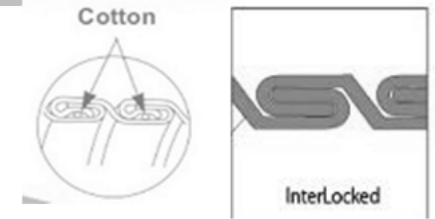
Construction

- Galvanized steel double interlock flexible conduit
- color Zinc self color .
- Interlocked locked type
- Interlocked (With thread packing & without Packing

- High compression/crush strength
- Ideal for high temperature applications where high mechanical strength is required
- Typical applications include lighting and under floor heating
- Designed for both commercial and industrial users
- Impact resistance
- Inherent fire protection on uncoated versions

Part no.	Size	Inside diameters mm	Outside Diameters mm	Min. Bend Radius mm	Coil Length Meter
UKIFC 1	10	10.50	13.50	35	30,50
UKIFC 2	12	12.50	15.50	45	30,50
UKIFC 3	16	16.50	19.50	55	25,30,50
UKIFC 4	20	17.00	20.50	68	25,30,50
UKIFC 5	25	23.00	25.00	85	25,30,50
UKIFC 6	32	32.00	36.00	105	15,20,25
UKIFC7	40	40.00	45.00	115	10,20
UKIFC8	50	51.00	55.00	150	10,20

Interlock Flexible Conduit



Conduit Properties

- High Mechanical Strength Optimum Protection for Optical Fiber
- IP Rating: IP 40
- Inherently Low Fire Hazard (LFH)
- Temperature Range 400 Degree C
- Sunlight Resistant

Part No.	Size	Inside Diameters mm	Outside Diameters mm	Min. Bend Radius mm	Coil Length Meter
USIFC 1	3/8"	12.50	15.80	45	30,50
USIFC 2	1/2"	15.80	19.00	55	30,50
USIFC 3	3/4"	20.90	23.90	75	25,30
USIFC 4	1"	26.00	29.40	95	25,30
USIFC 5	1 1/4"	32.40	35.50	105	10,15
USIFC 6	1 1/2"	40.50	44.50	115	10,15
USIFC 7	2"	50.70	55.00	150	10



Construction

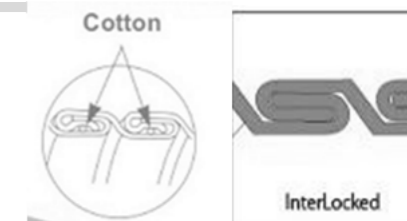
- Galvanized steel, helically wound, interlocked flexible steel Conduit with smooth PVC Cover (liquid tight)
- Color Black , Grey, (other on request)
- Interlocked (With thread packing & without Packing)

Application

- Outdoor and indoor installations where liquid tight is a Requirement
- PVC covering provides a high degree of weather proofing
- Ideal for static and dynamic applications requiring high mechanical protection against liquid's and oils
- Designed for both commercial and industrial users
- High compression/crush strength
- Impact resistance

Part No	Size	Internal Diameters mm	External diameters mm	Min Bending Radius mm	Coil Length Meter
UKLITC 1	10	10.00	15.25	35	30,50
UKLITC 2	12	12.50	17.50	45	30,50
UKLITC 3	16	16.50	21.25	55	25,30,50
UKLITC 4	20	17.50	22.50	60	25,30,50
UKLITC 5	25	22.00	27.50	85	25,30,50
UKLITC 6	32	32.50	37.50	105	15,20,25
UKLITC 7	40	40.50	46.50	115	10,20
UKLITC 8	50	50.00	58.00	150	10,20

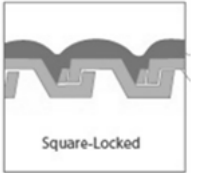
Interlock Liquid tight Flexible Conduit



Conduit Properties

- Normally valid temperature range: -20° C to +60° C
Rating: IP66 + IP67 +IP 68
- Cover Does Not Wrinkle When Bent
- Resistant To Oils & Grease
- UV Resistant & Suitable For External Use
- Plane inner for easy wire pull-thru

Part No.	Size	Internal Diameters mm	External diameters mm	Min Bending Radius mm	Coil Length Meter
USLITC 1	3/8"	12.50	17.50	45	30,50
USLITC 2	1/2"	15.80	21.50	55	30,50
USLITC 3	3/4"	20.90	25.50	75	25,30,50,
USLITC 4	1"	26.00	32.50	95	25,30,50
USLITC 5	1 1/4"	32.40	37.50	105	10,15
USLITC 6	1 1/2"	40.50	46.50	115	10,15
USLITC 7	2"	50.70	58.00	150	10



Construction

- Galvanized steel, helically wound, flexible steel conduit With PVC coating
- Colour Black , Grey Other on request
- Square lock with Pvc coating

Application

- General wiring and connections to machines
- PVC covering provides a high degree of weather proofing without restricting the excellent flexibility characteristics
- Ideal for static and dynamic applications requiring high mechanical protection and high flexibility
- Designed for both commercial and industrial users

Conduit Properties

- High Mechanical Strength
- Highly Flexible
- IP rating: IP54 IP65
- Temperature Range -15 C to +70 C
- Nickel Plated Brass Fittings

Pvc Coated Flexible conduit

Available up to 4"

Part No.	Size	Internal Diameters mm	External Diameters mm	Min Bending radius mm	Reel Length meters
UKPFC 1	12	10.00	14.00	30	15,30,50
UKPFC 2	16	12.50	16.00	35	15,30,50
UKPFC 3	20	17.00	20.50	42	25,30,50
UKPFC 4	25	22.00	25.50	50	25,30,50
UKPFC 5	32	28.00	32.50	60	15,20
UKPFC 6	40	36.00	40.50	70	15,20
UKPFC 7	50	45.00	51.00	85	10,15

Part No	Size	Internal Diameters mm	External Diameters mm	Min Bending radius mm	Reel Length meters
USPFC 1	3/8"	10.50	14.50	30.00	30,50
USPFC 2	1/2"	12.50	16.00	35.00	30,50
USPFC 3	5/8"	16.50	20.00	40.00	15,25,30
USPFC 4	3/4"	19.40	23.00	48.00	15,25,30
USPFC 5	1"	25.40	29.00	55.00	15,25,30
USPFC 6	1 1/4"	32.00	35.50	65.00	15,20
USPFC 7	1 1/2"	40.00	44.50	72.00	15,20
USPFC 8	2"	50.00	55.00	90.00	10,15



Features

- Extra flexible square lock construction
- Hot dip galvanized steel
- Superior corrosion resistance
- Smooth interior for easy wire pull-thru
- Flexibility in an economic design
- Exceptional flexibility for tight "U" bends
- Easily cut to length on the job
- Superior finish dresses up all installations
- Square lock construction for maximum ease of use
- Available in cut lengths
- +400° F Maximum temperature

Part no.	Size	Internal Diameters mm	External Diameters mm	Min Bending Radius mm	Reel Length Meters
UKFC 1	12	10.00	13.50	30.00	15,30,50
UKFC 2	16	12.50	16.00	35.00	25,30,50
UKFC 3	20	17.00	20.00	42.00	25,30,50
UKFC 4	25	22.50	25.00	50.00	25,30,50
UKFC 5	32	28.00	32.00	60.00	15,20,25
UKFC 6	40	36.00	40.00	70.00	15,20,25
UKFC7	50	46.00	50.00	85.00	10,20

Galvanized Steel Flexible Conduit



Conduit Properties

- High Mechanical Strength
- Highly Flexible
- Inherently Low Fire Hazard (LFH)
- IP Rating IP-40
- Temp. Range-300 C
- Nickel Plated Brass Fittings

Part No.	Size	Internal Diameters mm	External Diameters mm	Min Bending Radius mm	Reel Length Meters
USFC1	3/8"	10.20	13.50	30.00	50
USFC2	1/2"	12.50	15.50	35.00	50
USFC3	5/8"	16.00	19.50	40.00	50
USFC4	3/4"	19.00	22.50	48.00	15,30,50
USFC5	1"	25.40	29.00	55.00	15,30,50,
USFC6	1 1/4"	32.00	35.50	65.00	15,20
USFC7	1 1/2"	40.00	45.00	72.00	15,20
USFC8	2"	50.00	55.00	90.00	10,20
USFC9	2 1/2"	62.50	70.50	135.00	10
USFC10	3"	76.50	83.30	145.00	10
USFC11	3 1/2"	89.00	95.00	152.00	10
USFC12	4"	101.00	109.00	180.00	10
USFC13	5"	127.50	135.90	220.00	5
USFC14	6"	152.50	161.50	260.00	5



Features

- Extra flexible for extra easy use
- Corrosion resistant steel core for lasting mechanical protection
- Durable, abrasion resistant PVC jacket won't wrinkle or shrink from cut ends
- Complete protection against most liquids and moisture vapor
- Resists sunlight, heat, oil and chemical degradation
- Smooth interior for easy wire pull-thru
- Easily cut to length on the job
- Accepts standard liquid-tight connectors
- Delivers long-lasting wiring protection where listed products are not required
- Generally applicable temperature range: -20° C to +60° C (- 5° F to +140° F)

Also available in low
fire hazard material and
Zero Halogen

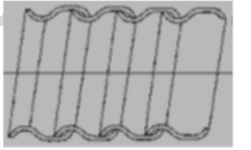


Conduit Properties

- IP rating: IP66 + IP67 + IP68
- Cover does not wrinkle when bent
- Temperature Range -20C to +90C
- Resistant to oils and greases
- UV resistant and suitable for external use

Liquid Tight Conduit

Part No.	Size	Internal Diameters mm	External Diameters mm	Min .banding radius mm	Reel Length
SLLFTC 1	3/8"	12.50	17.50	55.00	30
SLFTC 2	1/2"	15.80	21.10	68.00	30
SLFTC 3	3/4"	20.90	26.00	80.00	30
SLFTC4	1"	26.00	32.50	105.00	30
SLFTC 5	1 1/4"	35.00	42.50	125.00	15,
SLFTC6	1 1/2"	40.50	46.50	145.00	10
SLFTC 7	2"	61.00	57.00	180.00	10



Features

- Steel construction
- Easy installation to follow contours
- Hot dip galvanized zinc coating won't flake or peel
- Built-in flexibility for simplified positioning
- Corrosion resistant
- Crush resistant
- Smooth interior for easy wire pull-thru
- Standard connectors available from leading manufacturers

Cold Resistance



Durability



Thermal Resistance



Reduced Wall Flexible Conduit

Conduit Properties

- High Mechanical Strength
- Marginal Flexibility
- Inherently Low Fire Hazard (LFH)
- Temperature Range 400 degree C
- IP Rating: IP 40

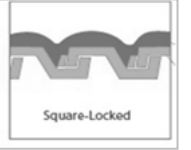
Part No.	Size	Internal Diameters mm	External Diameters mm	Min . Bending Ra- dius mm	Reel Length Meters
RWFC1	3/8"	10.00	14.00	50.00	30
RWFC 2	1/2"	14.00	19.00	76.00	30
RWFC3	3/4"	21.00	26.00	100.00	30
RWFC 4	1"	26.00	31.00	125.00	15
RWFC 5	1 1/4"	32.00	37.00	148.00	15
RWFC 6	1 1/2"	40.00	46.00	170.00	7.5
RWFC 7	2"	52.00	58.00	240.00	7.5



Features

- Super flexible and durable for repeated bending and re-positioning
- Provides protection against most liquids and moisture vapor
- Small bend radius allows installations in tight quarters with multiple bends
- Pliable, abrasion resistant PVC withstands most degradation by cutting fluids, coolants, oil and heat
- Extra-heavy steel core resists mechanical damage
- Hot dip galvanized zinc coating provides superior corrosion resistance
- PVC jacket won't wrinkle or shrink from cut ends
- Smooth interior for easy wire pull-thru
- Accepts standard liquid-tight fittings
- Delivers long-lasting wiring protection in applications that require flexibility, durability, etc.

Part No.	Size	Internal Diameters mm	External Diameters mm	Min Bending Radius mm	Reel Length Meters
UKPFC 1	12	10.00	14.00	30	15,30,50
UKPFC 2	16	12.50	16.00	35	15,30,50
UKPFC 3	20	17.00	20.50	42	25,30,50
UKPFC 4	25	22.00	25.50	50	25,30,50
UKPFC 5	32	28.00	32.50	60	15,20
UKPFC 6	40	36.00	40.50	70	15,20
UKPFC 7	50	45.00	51.00	85	10,15



LFH Zero Halogen Coated Flexible conduit

Conduit Properties

- High Mechanical Strength
- Highly Flexible
- IP rating: IP54 IP65
- Temperature range: -40° C to +90° C (-40° F to +195° F)
- Nickel Plated Brass Fittings

Part No.	Size	Internal Diameters mm	External Diameters mm	Min Bending Radius mm	Reel Length Meters
USPFC 1	3/8"	10.50	14.50	30.00	30,50
USPFC 2	1/2"	12.50	16.00	35.00	30,50
USPFC 3	5/8"	16.50	20.00	40.00	15,25,30
USPFC 4	3/4"	19.40	23.00	48.00	15,25,30
USPFC 5	1"	25.40	29.00	55.00	15,25,30
USPFC 6	1 1/4"	32.00	35.50	65.00	15,20
USPFC 7	1 1/2"	40.00	44.50	72.00	15,20
USPFC 8	2"	50.00	55.00	90.00	10,15



Construction

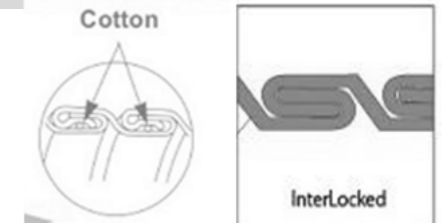
Application

- Galvanized steel, helically wound, interlocked flexible steel Conduit with smooth PVC Cover (liquid tight)
- Colour Black , Grey, (other on request)
- Interlocked (With thread packing & without Packing)

- Outdoor and indoor installations where liquid tight is a Requirement
- PVC covering provides a high degree of weather proofing
- Ideal for static and dynamic applications requiring high mechanical protection against liquid's and oils
- Designed for both commercial and industrial users
- High compression/crush strength
- Impact resistance

Part No.	Size	Internal Diameters mm	External Diameters mm	Min . Bending Radius mm	Reel Length Meters
UKLITC 1	10	10.00	15.25	35	30,50
UKLITC 2	12	12.50	17.50	45	30,50
UKLITC 3	16	16.50	21.25	55	25,30,50
UKLITC 4	20	17.50	22.50	60	25,30,50
UKLITC 5	25	22.00	27.50	85	25,30,50
UKLITC 6	32	32.50	37.50	105	15,20,25
UKLITC 7	40	40.50	46.50	115	10,20
UKLITC 8	50	50.00	58.00	150	10,20

LFH Zero Halogen Liquid tight Conduit



Conduit Properties

- Temperature Range -20 C TO +135c
- IP Rating: IP66 + IP67 +IP 68
- Cover Does Not Wrinkle When Bent
- Resistant To Oils & Grease
- UV Resistant & Suitable For External Use

Part No.	Size	Internal Diameters mm	External Diameters mm	Min . Bending Radius mm	Reel Length Meters
USLITC 1	3/8"	12.50	17.50	45	30,50
USLITC 2	1/2"	15.80	21.50	55	30,50
USLITC 3	3/4"	20.90	25.50	75	25,30,50,
USLITC 4	1"	26.00	32.50	95	25,30,50
USLITC 5	1 1/4"	32.40	37.50	105	10,15
USLITC 6	1 1/2"	40.50	46.50	115	10,15
USLITC 7	2"	50.70	58.00	150	10