

Ctube机通®

Conduit and fittings
Low smoke halogen free



Ctube耐通®



7-2
2020/05/15



ABOUT US

Ctube LSZH-FR, HFT (Low Smoke Zero Halogen Flame Retardant) conduit and fittings are manufactured by Guangdong Ctube Industry Co.Ltd in Dongguan, China.

This low smoke zero halogen conduit and fittings system is offer the highest quality, eco friendly products that is low smoke and no toxic caused by burning.Better protect people's lives and property safety.

Ctube LSZH-FR,HFT conduit and fittings have been independently tested and certified compliant to:

IEC61386-1,IEC61386-21 : Conduit systems for cable management

ASTM E662 : Specific optical density of smoke generated by solid materials

ISO4589-2: Plastics – Determination of burning behaviour by oxygen index

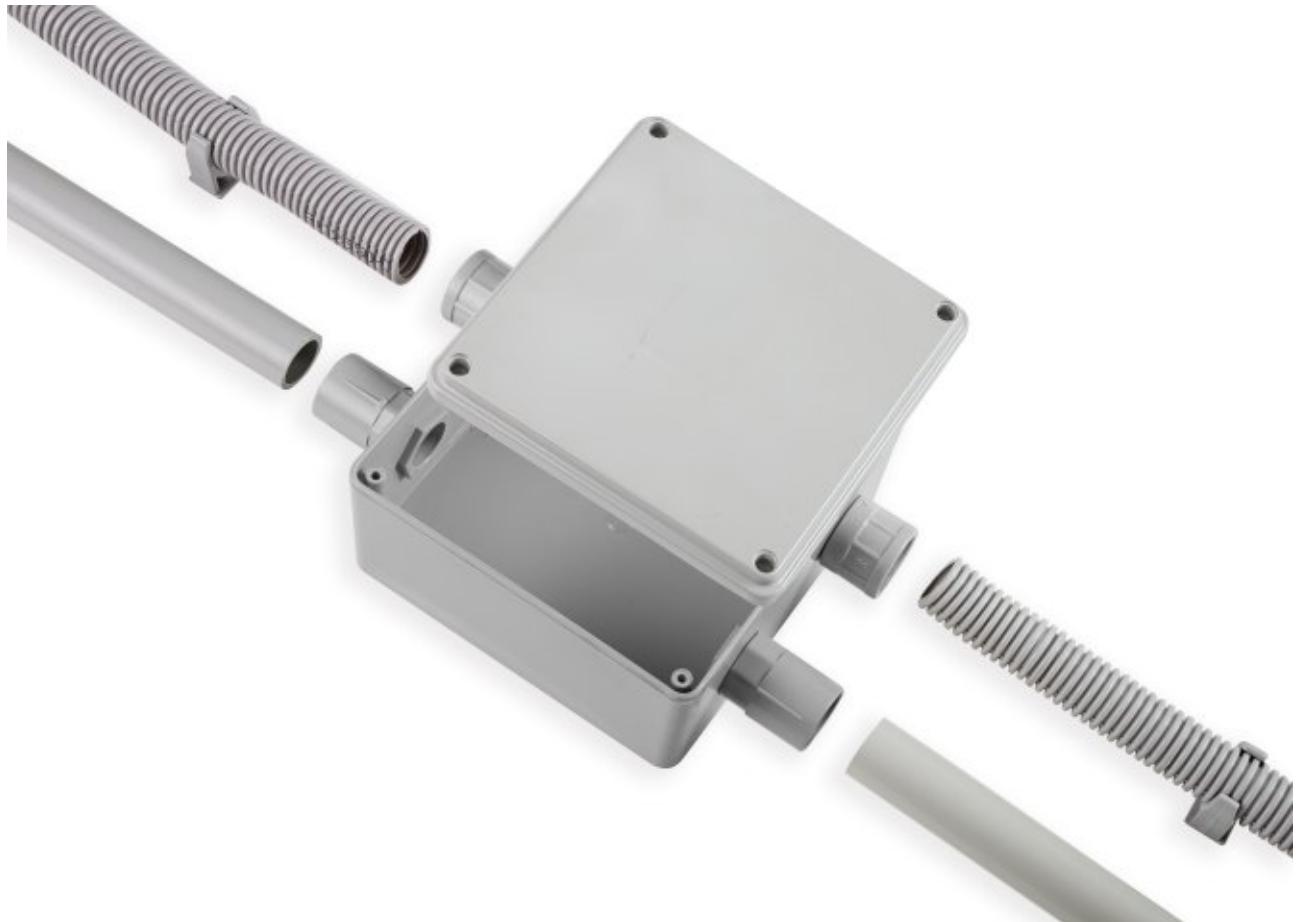
EN50267-2: Determination of degree of acidity of gases (zero halogen)

IEC61034-2: Smoke density of cables burning under defined conditions (smoke density)

UI94 VO: Test for Flammability of Plastic Materials



we design innovative
conduit systems that protect
people and their property



Low smoke halogen free conduit system

In case of a fire accident, the chlorine released from conventional plastics (halogenated) reacts with the humidity of the atmosphere producing hydrochloric acid which is dangerous and harmful both to people and environment.

CTUBE halogen free and low smoke conduit systems have been designed in such a way in order to develop an additional protection in a burning building.



What halogen free?

Conduits for electrical installations need specific features to fulfil increased safety requirements that are low smoke, flame retardant, zero halogen.



Why halogen free?

In case of a fire accident, toxic and dense smoke caused by burning plastics poses a massive threat which is dangerous and harmful to both people and environment.



Ensure you safety

During combustion halogens produce gases, soot and chemical residues that generate dark and dense smoke waves which reduce the visibility of escape routes and hinder evacuation operations by rescue crews.



Protect your equipment

The corrosive gases that will result from the combustion of halogenated plastic materials can damage all areas exposed to smoke and cause severe corrosion in a particularly short time.

Low smoke halogen free conduit system

conduit systems have been exclusively designed for construction projects where safety, reliability and reduced environmental footprint are top priority. Their main advantages are as follows:



In case of a fire accident, they don't release toxic and corrosive gases during combustion, protecting people and environment.



In case of a fire accident, they ensure better visibility of escape routes due to their low smoke emission.



They provide higher protection of building facilities and mechanical equipment due to the absence of corrosive gases during their combustion.



They ensure high impact resistance in extreme low temperature conditions (at -40°C).



They contain flame retardants that reduce flame propagating.



They achieve a low environmental footprint as they fully satisfy RoHS, IEC, CE, ISO and REACH European regulations concerning the use of hazardous and chemical substances respectively.



the design



Need

Preventing adverse incidents with fatal outcomes due to the use of unsuitable building materials in public gathering places.



Research

Designing a product made from top quality raw materials that will not release any toxic or corrosive gases or emit a dense wave of smoke in case of fire.



Manufacturing technology

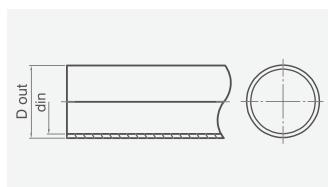
Halogen free and low smoke raw materials supplied by the top plastic manufacturers as well as the design of a fully-automated production line (extruders and injections) of latest technology.



Generation

Two integrated conduit systems, available in heavy and medium type according to their compression resistance, with brand names CTUBE in nominal outer diameters from Ø16 to Ø63, along with a complete series of fittings (bends, couplers, clips, adaptors) and junction boxes.

HF Rigid Conduit (Heavy duty)



Standards:

IEC61386-1, IEC61386-21

EN50267-2, IEC60754-2

IEC61034-2, ASTM E662

ISO4589-2, UL94



Properties

Resistance to compression	1250Nt/5cm
Resistance to impact	6J
Temperature range	-40°C to +110°C
Grade	Heavy
Resistance to bending	Rigid
Electrical characteristics	With electrical insulated characteristics
IP ingress protection	Waterproof
Resistance to flame propagation	V0
Resistance to insulation	>1000MΩ , 2000V~no breakdown
Color selection	White/Black/Grey

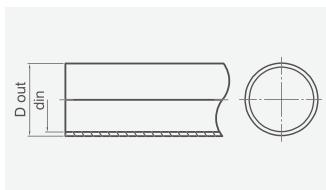
Additional properties

Raw material	Halogen free thermoplastic
Ageing resistance	UV stabilized
Halogen free	PH Value is 9.0, Conductivity value is 9.9 μS/m
Low smoke	The minimum light transmittance within 40 minutes: 68.97%
Low smoke to ASTM E662	Not less than 95.3 at 60 seconds
Oxygen index	Not less than 39.2%

Products code	Type	OD	ID	Stock
CT-HFHDR16	Ø16	16	10.2	40pcs/bar
CT-HFHDR20	Ø20	20	14.2	25pcs/bar
CT-HFHDR25	Ø25	25	18.5	18pcs/bar
CT-HFHDR32	Ø32	32	25.4	12pcs/bar
CT-HFHDR40	Ø40	40	33.0	12pcs/bar
CT-HFHDR50	Ø50	50	43.1	5pcs/bar
CT-HFHDR63	Ø63	63	53	5pcs/bar

Remarks: can be customized thickness and color

HF Rigid Conduit (Medium duty)



Standards:

IEC61386-1, IEC61386-21

EN50267-2, IEC60754-2

IEC61034-2, ASTM E662

ISO4589-2, UL94



Properties

Resistance to compression	750Nt/5cm
Resistance to impact	6J
Temperature range	-40°C to +110°C
Grade	Medium
Resistance to bending	Rigid
Electrical characteristics	With electrical insulated characteristics
IP ingress protection	Waterproof
Resistance to flame propagation	V0
Resistance to insulation	>1000MΩ, 2000V~no breakdown
Color selection	White/Black/Grey

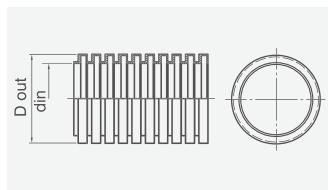
Additional properties

Raw material	Halogen free thermoplastic
Ageing resistance	UV stabilized
Halogen free	PH Value is 9.0, Conductivity value is 9.9 μS/m
Low smoke	The minimum light transmittance within 40 minutes: 68.97%
Low smoke to ASTM E662	Not less than 95.3 at 60 seconds
Oxygen index	Not less than 39.2%

Products code	Type	OD	ID	Stock
CT-HFMDR16	Ø16	16	11	40pcs/bar
CT-HFMDR20	Ø20	20	15	25pcs/bar
CT-HFMDR25	Ø25	25	20	18pcs/bar
CT-HFMDR32	Ø32	32	27	12pcs/bar
CT-HFMDR40	Ø40	40	34	12pcs/bar
CT-HFMDR50	Ø50	50	44	5pcs/bar
CT-HFMDR63	Ø63	63	55.5	5pcs/bar

Remarks: can be customized thickness and color

HF Corrugated Conduit (Heavy duty)



Standards:

IEC61386-1, IEC61386-21
EN50267-2, IEC60754-2
IEC61034-2 ,ASTM E662
ISO4589-2,UL94



Properties

Resistance to compression	1250Nt/5cm
Resistance to impact	6J
Temperature range	-40 °C to +110 °C
Grade	Heavy
Resistance to bending	Flexible
Electrical characteristics	With electrical insulated characteristics
IP ingress protection	Waterproof
Resistance to flame propagation	V0
Resistance to insulation	>1000MΩ , 2000V~no breakdown
Color selection	White/Black/Grey

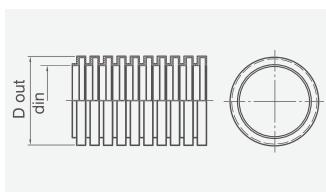
Additional properties

Raw material	Halogen free thermoplastic
Ageing resistance	UV stabilized
Halogen free	PH Value is 9.0, Conductivity value is 9.9 μS/m
Low smoke	The minimum light transmittance within 40 minutes: 68.97%
Low smoke to ASTM E662	Not less than 95.3 at 60 seconds
Oxygen index	Not less than 39.2%

Products code	Type	OD	ID	Stack
CT-HFHDC16	Ø16	16	10.9	50
CT-HFHDC20	Ø20	20	13.9	50
CT-HFHDC25	Ø25	25	18.5	25
CT-HFHDC32	Ø32	32	23.3	25
CT-HFHDC40	Ø40	40	30.9	20
CT-HFHDC50	Ø50	50	38.9	20
CT-HFHDC63	Ø63	63	51.3	20

Remarks: can be customized thickness and color

HF Corrugated Conduit (Medium duty)



Standards:

IEC61386-1, IEC61386-21

EN50267-2, IEC60754-2

IEC61034-2, ASTM E662

ISO4589-2, UL94



Properties

Resistance to compression	750Nt/5cm
Resistance to impact	6J
Temperature range	-40 °C to +110 °C
Grade	Medium
Resistance to bending	Flexible
Electrical characteristics	With electrical insulated characteristics
IP ingress protection	Waterproof
Resistance to flame propagation	V0
Resistance to insulation	>1000MΩ , 2000V~no breakdown
Color selection	White/Black/Grey

Additional properties

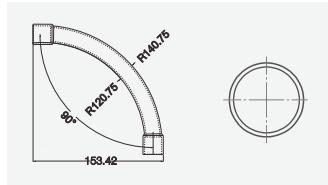
Raw material	Halogen free thermoplastic
Ageing resistance	UV stabilized
Halogen free	PH Value is 9.0, Conductivity value is 9.9 μS/m
Low smoke	The minimum light transmittance within 40 minutes: 68.97%
Low smoke to ASTM E662	Not less than 95.3 at 60 seconds
Oxygen index	Not less than 39.2%

Products code	Type	OD	ID	Stacked
CT-HFMDC16	Ø16	16	11.1	50
CT-HFMDC20	Ø20	20	14	50
CT-HFMDC25	Ø25	25	18.6	25
CT-HFMDC32	Ø32	32	21.1	25
CT-HFMDC40	Ø40	40	31.2	20
CT-HFMDC50	Ø50	50	39.3	20
CT-HFMDC63	Ø63	63	51.3	20

Remarks: can be customized thickness and color



HF Bend (Heavy duty)



Standards:

IEC61386-1, IEC61386-21

EN50267-2, IEC60754-2

IEC61034-2, ASTM E662

ISO4589-2, UL94



Properties

Resistance to compression	1250Nt/5cm
Resistance to impact	6J
Ageing resistance	UV stabilized
Color selection	White/Black/Grey

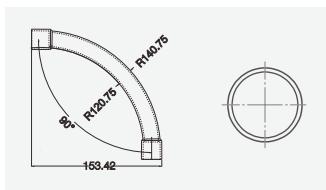
General properties for Bends

Temperature range	-40 °C to +110 °C
IP ingress protection	Waterproof
Raw material	Halogen free thermoplastic
Electrical characteristics	With electrical insulated characteristics
Resistance to flame propagation	V0
Halogen free	IPH Value is 9.0, Conductivity value is 9.9 μS/m
Low smoke	The minimum light transmittance within 40 minutes: 68.97%
Low smoke to ASTM E662	Not less than 95.3 at 60 seconds
Oxygen index	Not less than 39.2%

Products code	Type				
CT-HFDB16	Ø16	16	12.6	50	200
CT-HFDB20	Ø20	20	16.2	50	200
CT-HFDB25	Ø25	25	21.0	25	200
CT-HFDB32	Ø32	32	27.6	25	200
CT-HFDB40	Ø40	40	34.9	20	200
CT-HFDB50	Ø50	50	45.3	20	200
CT-HFDB63	Ø63	63	57.1	20	200



HF Bend (Medium duty)



Standards:

IEC61386-1, IEC61386-21

EN50267-2, IEC60754-2

IEC61034-2, ASTM E662

ISO4589-2, UL94



Properties

Resistance to compression	750Nt/5cm
Resistance to impact	6J
Ageing resistance	UV stabilized
Color selection	White/Black/Grey

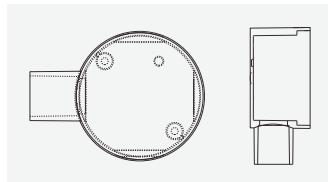
General properties for Bends

Temperature range	-40°C to +110°C
IP ingress protection	Waterproof
Raw material	Halogen free thermoplastic
Electrical characteristics	With electrical insulated characteristics
Resistance to flame propagation	V0
Halogen free	IPH Value is 9.0, Conductivity value is 9.9 μS/m
Low smoke	The minimum light transmittance within 40 minutes: 68.97%
Low smoke to ASTM E662	Not less than 95.3 at 60 seconds
Oxygen index	Not less than 39.2%

Products code	Type				
CT-HFMDB16	Ø16	16	13.1	50	200
CT-HFMDB20	Ø20	20	16.8	50	200
CT-HFMDB25	Ø25	25	21.7	25	200
CT-HFMDB32	Ø32	32	27.9	25	200
CT-HFMDB40	Ø40	40	35.8	20	200
CT-HFMDB50	Ø50	50	45.5	20	200
CT-HFMDB63	Ø63	63	57.8	20	200



HF Shallow junction box 1 way grey



Standards:

IEC61386-1, IEC61386-21

EN50267-2, IEC60754-2

IEC61034-2, ASTM E662

ISO4589-2, UL94



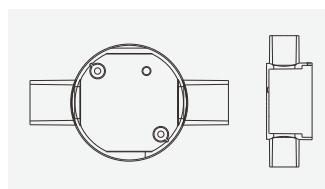
Properties

Raw material	Halogen free thermoplastic
Color selection	White/Black/Grey
Number of entries	1 way
Ingress protection	Waterproof
Temperature range	-40°C to +110°C
Electrical characteristics	with electrical insulated characteristics
Resistance to flame propagation	V0
Ageing resistance	UV stabilized
Conduit alignment	Yes
Cover attachment	Screwed

Products code	Type	Width(mm)	Height(mm)		
CT-SJB20-1	Ø20	64	43	10	340
CT-SJB25-1	Ø25	64	43	10	340



HF Shallow junction box 2 way grey



Standards:

IEC61386-1, IEC61386-21

EN50267-2, IEC60754-2

IEC61034-2, ASTM E662

ISO4589-2, UL94



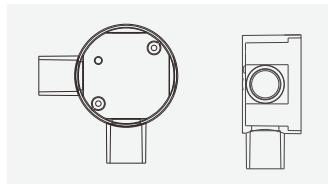
Properties

Raw material	Halogen free thermoplastic
Color selection	White/Black/Grey
Number of entries	2 way
Ingress protection	Waterproof
Temperature range	-40 °C to +110 °C
Electrical characteristics	with electrical insulated characteristics
Resistance to flame propagation	V0
Ageing resistance	UV stabilized
Conduit alignment	Yes
Cover attachment	Screwed

Products code	Type	Width(mm)	Height(mm)		
CT-SJB20-2	Ø20	64	43	10	340
CT-SJB25-2	Ø25	64	43	10	340



HF Shallow junction box 2/ angle way grey



Standards:

IEC61386-1, IEC61386-21

EN50267-2, IEC60754-2

IEC61034-2, ASTM E662

ISO4589-2, UL94



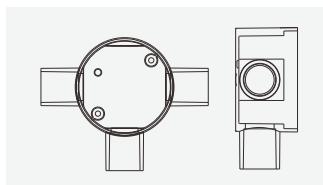
Properties

Raw material	Halogen free thermoplastic
Color selection	White/Black/Grey
Number of entries	2/ angle way
Ingress protection	Waterproof
Temperature range	-40°C to +110°C
Electrical characteristics	with electrical insulated characteristics
Resistance to flame propagation	V0
Ageing resistance	UV stabilized
Conduit alignment	Yes
Cover attachment	Screwed

Products code	Type	Width(mm)	Height(mm)		
CT-SJB20-v	Ø20	64	43	10	340
CT-SJB25-v	Ø25	64	43	10	340



HF Shallow junction box 3 way grey



Standards:

IEC61386-1, IEC61386-21

EN50267-2, IEC60754-2

IEC61034-2 ,ASTM E662

ISO4589-2,UL94



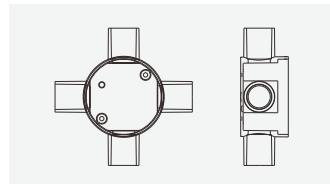
Properties

Raw material	Halogen free thermoplastic
Color selection	White/Black/Grey
Number of entries	3 way
Ingress protection	Waterproof
Temperature range	-40°C to +110°C
Electrical characteristics	with electrical insulated characteristics
Resistance to flame propagation	V0
Ageing resistance	UV stabilized
Conduit alignment	Yes
Cover attachment	Screwed

Products code	Type	Width(mm)	Height(mm)		
CT-SJB20-3	Ø20	64	43	10	240
CT-SJB25-3	Ø25	64	43	10	240



HF Shallow junction box 4 way grey



Standards:

IEC61386-1, IEC61386-21

EN50267-2, IEC60754-2

IEC61034-2, ASTM E662

ISO4589-2, UL94



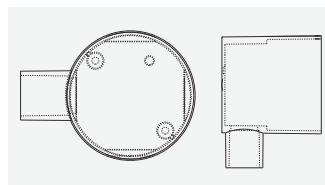
Properties

Raw material	Halogen free thermoplastic
Color selection	White/Black/Grey
Number of entries	4 way
Ingress protection	Waterproof
Temperature range	-40°C to +110°C
Electrical characteristics	with electrical insulated characteristics
Resistance to flame propagation	V0
Ageing resistance	UV stabilized
Conduit alignment	Yes
Cover attachment	Screwed

Products code	Type	Width(mm)	Height(mm)		
CT-SJB20-4	Ø20	64	43	10	240
CT-SJB25-4	Ø25	64	43	10	240



HF Deep junction box 1 way grey



Standards:

IEC61386-1, IEC61386-21

EN50267-2, IEC60754-2

IEC61034-2, ASTM E662

ISO4589-2, UL94



Properties

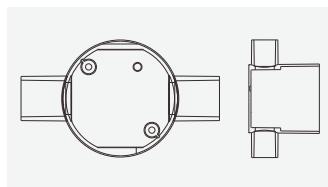
Raw material	Halogen free thermoplastic
Color selection	White/Black/Grey
Number of entries	1 way
Ingress protection	Waterproof
Temperature range	-40°C to +110°C
Electrical characteristics	with electrical insulated characteristics
Resistance to flame propagation	V0
Ageing resistance	UV stabilized
Conduit alignment	Yes
Cover attachment	Screwed

Products code	Type	Width(mm)	Height(mm)		
CT-DJB20-1	Ø20	64	71	10	240
CT-DJB25-1	Ø25	64	71	10	240
CT-DJB32-1	Ø32	64	71	10	240
CT-DJB40-1	Ø40	64	71	10	240

Remarks: Delivery lead time 60 days



HF Deep junction box 2 way grey



Standards:

IEC61386-1, IEC61386-21

EN50267-2, IEC60754-2

IEC61034-2, ASTM E662

ISO4589-2, UL94



Properties

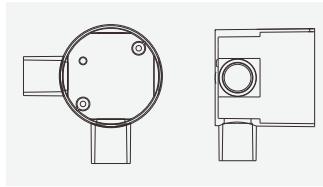
Raw material	Halogen free thermoplastic
Color selection	White/Black/Grey
Number of entries	2 way
Ingress protection	Waterproof
Temperature range	-40°C to +110°C
Electrical characteristics	with electrical insulated characteristics
Resistance to flame propagation	V0
Ageing resistance	UV stabilized
Conduit alignment	Yes
Cover attachment	Screwed

Products code	Type	Width(mm)	Height(mm)		
CT-DJB20-2	Ø20	64	71	10	200
CT-DJB25-2	Ø25	64	71	10	200
CT-DJB32-2	Ø32	64	71	10	200
CT-DJB40-2	Ø40	64	71	10	200

Remarks: Delivery lead time 60 days



HF Deep junction box 2/ angle way grey



Standards:

IEC61386-1, IEC61386-21

EN50267-2, IEC60754-2

IEC61034-2, ASTM E662

ISO4589-2, UL94



Properties

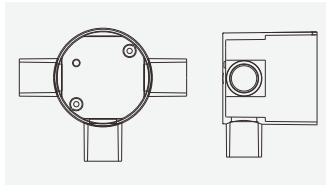
Raw material	Halogen free thermoplastic
Color selection	White/Black/Grey
Number of entries	2/ angle way
Ingress protection	Waterproof
Temperature range	-40°C to +110°C
Electrical characteristics	with electrical insulated characteristics
Resistance to flame propagation	V0
Ageing resistance	UV stabilized
Conduit alignment	Yes
Cover attachment	Screwed

Products code	Type	Width(mm)	Height(mm)		
CT-DJB20-V	Ø20	64	71	10	200
CT-DJB25-V	Ø25	64	71	10	200
CT-DJB32-V	Ø32	64	71	10	200
CT-DJB40-V	Ø40	64	71	10	200

Remarks: Delivery lead time 60 days



HF Deep junction box 3 way grey



Standards:

IEC61386-1, IEC61386-21

EN50267-2, IEC60754-2

IEC61034-2, ASTM E662

ISO4589-2, UL94



Properties

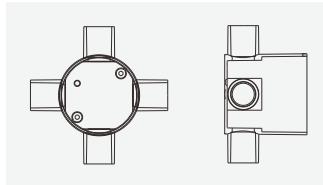
Raw material	Halogen free thermoplastic
Color selection	White/Black/Grey
Number of entries	3 way
Ingress protection	Waterproof
Temperature range	-40°C to +110°C
Electrical characteristics	with electrical insulated characteristics
Resistance to flame propagation	V0
Ageing resistance	UV stabilized
Conduit alignment	Yes
Cover attachment	Screwed

Products code	Type	Width(mm)	Height(mm)		
CT-DJB20-3	Ø20	64	71	10	160
CT-DJB25-3	Ø25	64	71	10	160
CT-DJB32-3	Ø32	64	71	10	160
CT-DJB40-3	Ø40	64	71	10	160

Remarks: Delivery lead time 60 days



HF Deep junction box 4 way grey



Standards:

IEC61386-1, IEC61386-21

EN50267-2, IEC60754-2

IEC61034-2, ASTM E662

ISO4589-2, UL94



Properties

Raw material	Halogen free thermoplastic
Color selection	White/Black/Grey
Number of entries	4 way
Ingress protection	Waterproof
Temperature range	-40°C to +110°C
Electrical characteristics	with electrical insulated characteristics
Resistance to flame propagation	V0
Ageing resistance	UV stabilized
Conduit alignment	Yes
Cover attachment	Screwed

Products code	Type	Width(mm)	Height(mm)		
CT-DJB20-4	Ø20	64	71	10	160
CT-DJB25-4	Ø25	64	71	10	160
CT-DJB32-4	Ø32	64	71	10	160
CT-DJB40-4	Ø40	64	71	10	160

Remarks: Delivery lead time 60 days

HF Waterproof adaptable box



Standards:

IEC61386-1, IEC61386-21

EN50267-2, IEC60754-2

IEC61034-2, ASTM E662

ISO4589-2, UL94



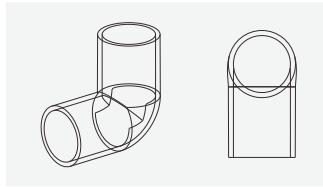
Properties

Ageing resistance	UV stabilized
Temperature range	-40 °C to +110 °C
IP ingress protection	Waterproof
Raw material	Halogen free thermoplastic
Color selection	White/Black/Grey
Electrical characteristics	With electrical insulated characteristics
Resistance to flame propagation	V0
Halogen free	PH Value is 9.0, Conductivity value is 9.9 μS/m
Less smoke	The minimum light transmittance within 40 minutes: 68.97%
Low smoke to ASTM E662	Not less than 95.3 at 60 seconds
Oxygen index	Not less than 39.2%

Products code	Specification	Length(mm)	Width(mm)	Height(mm)	
CT-HFPJB85	85*85*62	50	50	50	200
CT-HFPJB85	85*85*62	85	85	62	200
CT-HFPJB105	105*105*72	105	105	72	20
CT-HFPJB150	150*150*75	150	150	75	20
CT-HFPJB200	200*200*75	200	200	75	5

Remarks: Delivery lead time 60 days and all sizes waterproof adaptable box can be customized knock holes

HF 90°pipe elbow



Standards:

IEC61386-1, IEC61386-21

EN50267-2, IEC60754-2

IEC61034-2, ASTM E662

ISO4589-2, UL94

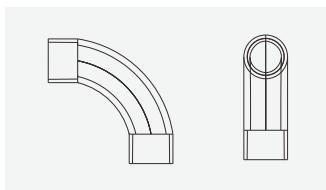


Properties

Ageing resistance	UV stabilized
Temperature range	-40 °C to +110 °C
IP ingress protection	Waterproof
Raw material	Halogen free thermoplastic
Color selection	White/Black/Grey
Electrical characteristics	With electrical insulated characteristics
Resistance to flame propagation	V0
Halogen free	PH Value is 9.0, Conductivity value is 9.9 μS/m
Less smoke	The minimum light transmittance within 40 minutes: 68.97%
Low smoke to ASTM E662	Not less than 95.3 at 60 seconds
Oxygen index	Not less than 39.2%

Products code	Type	OD	ID	Box	Carton
CT-PE16	Ø16	20		50	200
CT-PE20	Ø20	23.5		50	200
CT-PE25	Ø25	28.5		50	200
CT-PE32	Ø32	37		50	200
CT-PE40	Ø40				

HF Solid Elbow



Standards:

IEC61386-1, IEC61386-21
EN50267-2, IEC60754-2
IEC61034-2, ASTM E662
ISO4589-2, UL94

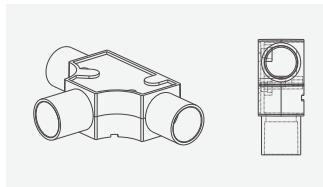


Properties

Ageing resistance	UV stabilized
Temperature range	-40 °C to +110 °C
IP ingress protection	Waterproof
Raw material	Halogen free thermoplastic
Color selection	White/Black/Grey
Electrical characteristics	With electrical insulated characteristics
Resistance to flame propagation	V0
Halogen free	PH Value is 9.0, Conductivity value is 9.9 μS/m
Less smoke	The minimum light transmittance within 40 minutes: 68.97%
Low smoke to ASTM E662	Not less than 95.3 at 60 seconds
Oxygen index	Not less than 39.2%

Products code	Type	OD	ID	Box	Carton
CT-HFCE20	Ø20	23.5	20	50	200
CT-HFCE25	Ø25	28.5	25	50	200

HF Inspection Tee



Standards:

IEC61386-1, IEC61386-21

EN50267-2, IEC60754-2

IEC61034-2, ASTM E662

ISO4589-2, UL94

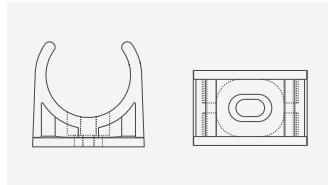


Properties

Ageing resistance	UV stabilized
Temperature range	-40 °C to +110 °C
IP ingress protection	Waterproof
Raw material	Halogen free thermoplastic
Color selection	White/Black/Grey
Electrical characteristics	With electrical insulated characteristics
Resistance to flame propagation	V0
Halogen free	PH Value is 9.0, Conductivity value is 9.9 μS/m
Less smoke	The minimum light transmittance within 40 minutes: 68.97%
Low smoke to ASTM E662	Not less than 95.3 at 60 seconds
Oxygen index	Not less than 39.2%

Products code	Type	OD	ID	Box	Carton
CT-HFIT20	Ø20	23.5	20	50	200
CT-HFIT25	Ø25	28.5	25	50	200

HF Clips



Standards:

IEC61386-1, IEC61386-21

EN50267-2, IEC60754-2

IEC61034-2, ASTM E662

ISO4589-2, UL94



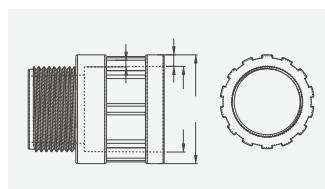
Properties

Ageing resistance	UV stabilized
Temperature range	-40 °C to +110 °C
IP ingress protection	Waterproof
Raw material	Halogen free thermoplastic
Color selection	White/Black/Grey
Electrical characteristics	With electrical insulated characteristics
Resistance to flame propagation	V0
Halogen free	PH Value is 9.0, Conductivity value is 9.9 μS/m
Less smoke	The minimum light transmittance within 40 minutes: 68.97%
Low smoke to ASTM E662	Not less than 95.3 at 60 seconds
Oxygen index	Not less than 39.2%

Products code	Type	OD	ID	H	Box	Carton
CT-HFC16	Ø 16	20	16	42	50	200
CT-HFC20	Ø 20	23.5	20	42	50	200
CT-HFC25	Ø 25	28.5	25	52	50	200
CT-HFC32	Ø 32	37	32	57.8	50	200
CT-HFC40	Ø 40	44.5	40	80	50	200
CT-HFC50	Ø 50	55.6	50	101	50	200
CT-HFC63	Ø 63	69.8	63		50	200



HF Adaptors with male thread and lock ring



Standards:

IEC61386-1, IEC61386-21

EN50267-2, IEC60754-2

IEC61034-2, ASTM E662

ISO4589-2, UL94

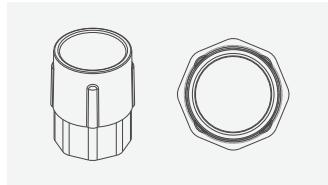


Properties

Ageing resistance	UV stabilized
Temperature range	-40 °C to +110 °C
IP ingress protection	Waterproof
Raw material	Halogen free thermoplastic
Color selection	White/Black/Grey
Electrical characteristics	With electrical insulated characteristics
Resistance to flame propagation	V0
Halogen free	PH Value is 9.0, Conductivity value is 9.9 μS/m
Less smoke	The minimum light transmittance within 40 minutes: 68.97%
Low smoke to ASTM E662	Not less than 95.3 at 60 seconds
Oxygen index	Not less than 39.2%

Products code	Type	OD	ID	H	Box	Carton
CT-HFA16	Ø 16	20	16	42	50	200
CT-HFA20	Ø 20	23.5	20	42	50	200
CT-HFA25	Ø 25	28.5	25	52	50	200
CT-HFA32	Ø 32	37	32	57.8	50	200
CT-HFA40	Ø 40	44.5	40	80	50	200
CT-HFA50	Ø 50	55.6	50	101	50	200
CT-HFA63	Ø 63	69.8	63		50	200

HF Adaptors with male thread and lock ring



Standards:

IEC61386-1, IEC61386-21

EN50267-2, IEC60754-2

IEC61034-2, ASTM E662

ISO4589-2, UL94



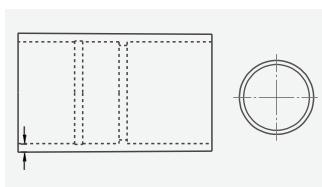
Properties

Ageing resistance	UV stabilized
Temperature range	-40 °C to +110 °C
IP ingress protection	Waterproof
Raw material	Halogen free thermoplastic
Color selection	White/Black/Grey
Electrical characteristics	With electrical insulated characteristics
Resistance to flame propagation	V0
Halogen free	PH Value is 9.0, Conductivity value is 9.9 μS/m
Less smoke	The minimum light transmittance within 40 minutes: 68.97%
Low smoke to ASTM E662	Not less than 95.3 at 60 seconds
Oxygen index	Not less than 39.2%

Products code	Type	OD	ID	H	Box	Carton
CT-HFa16	Ø16	20	16	42	50	200
CT-HFa20	Ø20	23.5	20	42	50	200
CT-HFa25	Ø25	28.5	25	52	50	200
CT-HFa32	Ø32	37	32	57.8	50	200
CT-HFa40	Ø40	44.5	40	80	50	200
CT-HFa50	Ø50	55.6	50	101	50	200
CT-HFa63	Ø63	69.8	63		50	200



HF Couplers



Standards:

IEC61386-1, IEC61386-21

EN50267-2, IEC60754-2

IEC61034-2, ASTM E662

ISO4589-2, UL94



Properties

Ageing resistance	UV stabilized
Temperature range	-40 °C to +110 °C
IP ingress protection	Waterproof
Raw material	Halogen free thermoplastic
Color selection	White/Black/Grey
Electrical characteristics	With electrical insulated characteristics
Resistance to flame propagation	V0
Halogen free	PH Value is 9.0, Conductivity value is 9.9 μS/m
Less smoke	The minimum light transmittance within 40 minutes: 68.97%
Low smoke to ASTM E662	Not less than 95.3 at 60 seconds
Oxygen index	Not less than 39.2%

Products code	Type	OD	ID	H	Box	Carton
CT-HF16C	Ø16	20	16	42	50	200
CT-HF20C	Ø20	23.5	20	42	50	200
CT-HF25C	Ø25	28.5	25	52	50	200
CT-HF32C	Ø32	37	32	57.8	50	200
CT-HF40C	Ø40	44.5	40	80	50	200
CT-HF50C	Ø50	55.6	50	101	50	200
CT-HF63C	Ø63	69.8	63		50	200

Remark : the conduits can be customized any thickness & colors,
accessories can be customized any colors subject to customer request



Headquarter

TAIWANG CTUBE PIPE INDUSTRY TECHNOLOGY CO.LTD

Service Hotline: 400-992-3828

Email:info@c-tube.net

Factory Centre A

GUANGDONG CTUBE INDUSTRY CO.LTD

🏡 A.B,C Zone, ChenTan NiNiu Industry JiaoLi
Village ZhongTang Town Dongguan City China.
📞 +86-769-81200072
📠 +86-769-81200075
✉️ info@c-tube.net

Ctube Marketing Sales Centre

🏡 No. 01, 15th Floor, Sunbelieve International Building,
Wanjiang District, Dongguan City, China
📞 +86-769-8120071
📠 +86 15817718199
✉️ info@c-tube.net

Factory Centre B

CTUBE(LECHANG)PIPE INDUSTRY TECHNOLOGY CO.LTD

🏡 No. 12, Huanyuan East Road, Lechang Industrial Transfer
Industrial Park, Lechang City, Shaoguan City, China
📞 0751-5583311
📠 0751-5583399.
✉️ info@c-tube.net