

**LEDES<sup>®</sup>**

Conduit and fittings  
Low smoke halogen free





Ideas of new design LSZH  
conduit systems that protect  
people and their property



## LSZH Rigid Conduit (Heavy duty)

Standards:

IEC, ASTM, ISO, UL

### Properties

Aging resistance	UV stablized
Temperature range	-45°C to +120°C
Grade	Heavy
Resistance to bending	Rigid
Electrical characteristics	With electrical insulated characteristics
Resistance to flame propagation	V0
Resistance to insulation	>1000MΩ , 2000V~no breakdown
Color selection	White/Black/Grey

Products code	Type	Packing
HH-HFHDR20	∅20	25pcs/bar
HH-HFHDR25	∅25	18pcs/bar
HH-HFHDR32	∅32	12pcs/bar
HH-HFHDR40	∅40	12pcs/bar
HH-HFHDR50	∅50	5pcs/bar
HH-HFHDR63	∅63	
HH-HFHDR65	∅65	
HH-HFHDR80	∅80	
HH-HFHDR100	∅100	

Remarks: can be customized thickness and color



## LSZH Rigid Conduit (Medium duty)

Standards:  
IEC, ASTM, ISO, UL

Products code	Type	Packing
HH-HFMDR20	ø20	25pcs/bar
HH-HFMDR25	ø25	18pcs/bar
HH-HFMDR32	ø32	12pcs/bar
HH-HFMDR40	ø40	12pcs/bar
HH-HFMDR50	ø50	5pcs/bar
HH-HFMDR63	ø63	
HH-HFMDR65	ø65	
HH-HFMDR80	ø80	
HH-HFMDR100	ø100	

Remarks: can be customized thickness and color

### Properties

Aging resistance	UV stablized
Temperature range	-45°C to +120°C
Grade	Medium
Resistance to bending	Rigid
Electrical characteristics	With electrical insulated characteristics
Resistance to flame propagation	V0
Resistance to insulation	>1000MΩ , 2000V~no breakdown
Color selection	White/Black/Grey



## LSZH Corrugated Conduit (Heavy duty)

Standards:  
IEC, ASTM, ISO, UL

### Properties

Aging resistance	UV stabilized
Temperature range	-45°C to +120°C
Grade	Heavy
Resistance to bending	Flexible
Electrical characteristics	With electrical insulated characteristics
Resistance to flame propagation	V0
Resistance to insulation	>1000MΩ , 2000V~no breakdown
Color selection	White/Black/Grey

Products code	Type	Packing
HH-HFHDC20	∅20	50m/roll
HH-HFHDC25	∅25	25m/roll
HH-HFHDC32	∅32	25m/roll
HH-HFHDC40	∅40	20m/roll
HH-HFHDC50	∅50	20m/roll

Remarks: can be customized thickness and color



**LSZH Rigid Corrugated Conduit (Medium duty)**

Standards:  
IEC, ASTM, ISO, UL

Products code	Type	Packing
HH-HFMDC20	ø20	50m/roll
HH-HFMDC25	ø25	25m/roll
HH-HFMDC32	ø32	25m/roll
HH-HFMDC40	ø40	20m/roll
HH-HFMDC50	ø50	20m/roll

Remarks: can be customized thickness and color

**Properties**

Aging resistance	UV stabilized
Temperature range	-45 °C to +120 °C
Grade	Medium
Resistance to bending	Flexible
Electrical characteristics	With electrical insulated characteristics
Resistance to flame propagation	V0
Resistance to insulation	>1000MΩ , 2000V~no breakdown
Color selection	White/Black/Grey



## LSZH Waterproof adaptable box

Standards:  
IEC, ISO, UL

### Properties

Ageing resistance	UV stablized
Temperature range	-45 °C to +120 °C
Color selection	White/Black/Grey
Electrical characteristics	With electrical insulated characteristics
Resistance to flame propagation	V0
IP ingress protection	IP67

Products code	Specification (mm)	Length	Width	Height	Packing
HH-HFPJB85	85*85*62	85	85	62	96
HH-HFPJB108	108*108*50	108	108	50	63
HH-HFPJB108	108*108*76	108	108	76	45
HH-HFPJB163	163*108*81	163	108	81	42
HH-HFPJB211	211*108*81	211	108	81	18
HH-HFPJB200	200*300*152	200	300	152	4
HH-HFPJB300	200*300*200	200	300	200	4







## LSZH 1299 Single Switch box 77

Standards:  
IEC, ISO, UL

### Properties

Ageing resistance	UV stablized
Temperature range	-45°C to +120°C
Color selection	White/Black/Grey
Electrical characteristics	With electrical insulated characteristics
Resistance to flame propagation	V0

Products code	Specification (mm)	Length	Width	Height	Packing
HH-HFS1299-77	77*77*43	77	77	43	200



### LSZH CK Single Switch box

Standards:  
IEC, ISO, UL

#### Properties

Ageing resistance	UV stabilized
Temperature range	-45°C to +120°C
Color selection	White/Black/Grey
Electrical characteristics	With electrical insulated characteristics
Resistance to flame propagation	V0

Products code	Specification (mm)	Length	Width	Height	Packing
HH-HFCK-77	77*77*43	77	77	43	200



## LSZH 1299 Double Switch box

Standards:  
IEC, ISO, UL

### Properties

Ageing resistance	UV stabilized
Temperature range	-45 °C to +120 °C
Color selection	White/Black/Grey
Electrical characteristics	With electrical insulated characteristics
Resistance to flame propagation	V0

Products code	Specification (mm)	Length	Width	Height	Packing
HH-HFD1299	86*143*42	86	143	42	120





## LSZH CK Double Switch box

Standards:  
IEC, ISO, UL

### Properties

Ageing resistance	UV stabilized
Temperature range	-45°C to +120°C
Color selection	White/Black/Grey
Electrical characteristics	With electrical insulated characteristics
Resistance to flame propagation	V0

Products code	Specification (mm)	Length	Width	Height	Packing
HH-HFCKD	86*146*42	86	146	42	120



**LSZH Shallow junction box**

Standards:  
ISO, UL

Products code	Type	Packing
HH-SJB20-1	ø20	140
HH-SJB20-2	ø20	140
HH-SJB20-V	ø20	112
HH-SJB20-3	ø20	112
HH-SJB20-4	ø20	140
HH-SJB25-1	ø25	140
HH-SJB25-2	ø25	84
HH-SJB25-V	ø25	84
HH-SJB25-3	ø25	84
HH-SJB25-4	ø25	84

**Properties**

Color selection	White/Black/Grey
Temperature range	-45°C to +120°C
Electrical characteristics	with electrical insulated characteristics
Resistance to flame propagation	V0
Ageing resistance	UV stabilized
Conduit alignment	Yes
Cover attachment	Screwed



LEDES® - L

20mm  
LEDES  
H.D  
T

LEDES



**LSZH Deep junction box**

Standards:  
ISO, UL

Products code	Type	Packing
HH-DJB20-1	∅20	120
HH-DJB20-2	∅20	120
HH-DJB20-V	∅20	100
HH-DJB20-3	∅20	100
HH-DJB20-4	∅20	100
HH-DJB25-1	∅25	100
HH-DJB25-2	∅25	80
HH-DJB25-V	∅25	80
HH-DJB25-3	∅25	80
HH-DJB25-4	∅25	48

**Properties**

Color selection	White/Black/Grey
Temperature range	-45 °C to +120 °C
Electrical characteristics	with electrical insulated characteristics
Resistance to flame propagation	V0
Ageing resistance	UV stabilized
Conduit alignment	Yes
Cover attachment	Screwed





## LSZH Bend

Standards:  
IEC, ISO, UL

### Properties

Ageing resistance	UV stabilized
Color selection	White/Black/Grey
Temperature range	-45°C to +120°C
Electrical characteristics	With electrical insulated characteristics
Resistance to flame propagation	V0
IP ingress protection	Waterproof

Products code	Type	Packing
HH-HFMDB20	∅20	180
HH-HFMDB25	∅25	135
HH-HFMDB32	∅32	100
HH-HFMDB40	∅40	35
HH-HFMDB50	∅50	28

Remarks: can be customized thickness and color



LEDES®  
- LSZH

LEDES®  
- LSZH ELECTRICAL CONDUIT



## LSZH Solid Elbow

Standards:  
IEC, ISO, UL

### Properties

Color selection	White/Black/Grey
Temperature range	-45 °C to +120 °C
Electrical characteristics	with electrical insulated characteristics
Resistance to flame propagation	V0
Ageing resistance	UV stablized
IP ingress protection	Waterproof

Products code	Type	Packing
HH-HFSE20	∅20	700
HH-HFSE25	∅25	400
HH-HFSE32	∅32	170

Remarks: can be customized thickness and color



### LSZH Male Adaptor

Standards:  
IEC, ISO, UL

**Properties**

Color selection	White/Black/Grey
Temperature range	-45°C to +120°C
Electrical characteristics	with electrical insulated characteristics
Resistance to flame propagation	V0
Ageing resistance	UV stabilized
IP ingress protection	Waterproof

Products code	Type	Packing
HH-HFA20	∅20	1000
HH-HFA25	∅25	720
HH-HFA32	∅32	360
HH-HFA40	∅40	210
HH-HFA50	∅50	120

Remarks: can be customized thickness and color



## LSZH Couplers

Standards:  
IEC, ISO, UL

### Properties

Ageing resistance	UV stabilized
Color selection	White/Black/Grey
Temperature range	-45°C to +120°C
Electrical characteristics	With electrical insulated characteristics
Resistance to flame propagation	V0
IP ingress protection	Waterproof

Products code	Type	Packing
HH-HF20C	∅20	1000
HH-HF25C	∅25	600
HH-HF32C	∅32	300
HH-HF40C	∅40	224
HH-HF50C	∅50	126

Remarks: can be customized thickness and color



LEDES®

LSZH ELECTRICAL COU



## LSZH Clips

Standards:  
IEC, ISO, UL

### Properties

Ageing resistance	UV stabilized
Color selection	White/Black/Grey
Temperature range	-45°C to +120°C
Electrical characteristics	With electrical insulated characteristics
Resistance to flame propagation	V0
IP ingress protection	Waterproof

Products code	Type	Packing
HH-HFC20	∅20	4000
HH-HFC25	∅25	2112
HH-HFC32	∅32	1600
HH-HFC40	∅40	840
HH-HFC50	∅50	432

Remarks: can be customized thickness and color



**LSZH Full Saddle**

Standards:

**Properties**

Raw material Galvanized Steel

---

Products code	Type	Inner Packed (pcs/box)	Outter Packed (pcs/ctn)
HH-FS20	∅20	20	2000
HH-FS25	∅25	20	1000
HH-FS32	∅32	20	1000
HH-FS40	∅40	20	500
HH-FS50	∅50	20	500

Remarks: can be customized thickness and color





**LSZH Half Saddle with Nail**

Standards:

**Properties**

Raw material Galvanized Steel


---


Products code	Type	Inner Packed (pcs/box)	Outter Packed (pcs/ctn)
HH-HS20	∅20	20	2000
HH-HS25	∅25	20	1000
HH-HS32	∅32	20	1000
HH-HS40	∅40	20	500
HH-HS50	∅50	20	500

Remarks: can be customized thickness and color

**LEDES**<sup>®</sup>

**DONGGUAN HOPEHEAD DECORATIVE MATERIALS Co., Ltd**

 Building 1, Lakeshore RD 6, Dalingshan Town, Dongguan City,  
Guandong Province, China.

 400-718-9968

 [info@ledestube.com](mailto:info@ledestube.com)

 [www.ledestube.com](http://www.ledestube.com)