



Ctube catalogue
Solar Conduit and Fittings series







ABOUT US

Guangdong Ctube Industry Co., Ltd is a professional research and development , manufacturing and sales of highest quality solar conduits & fittings, AS/NZS 2053 conduits & fittings, low smoke halogen free conduits & fittings and UL651 electrical conduits & fittings. We have established more than ten years of product development and production experience , passed the ISO 9001, ISO14001 certification.

Ctube solar conduits & fittings are offer the highest quality, which is suitable for outdoor solar installation . This series electrical conduit & fittings are manufactured according to standard AS/NZS 2053.

ISO System Certification



Light Ageing Test-UV Exposure

SGS TEST REPORT
 No.: XN620R020495
 Date: Apr 21, 2020
 Page: 1 of 4

CUSTOMER NAME: GUANGDONG CTUBE INDUSTRY CO., LTD
ADDRESS: CHENGANG NEW INDUSTRIAL ZONE VILLAGE, DONGTANG TOWN, DONGGUAN CITY, GUANGDONG PROVINCE, CHINA

Sample Name: 425MM CORRUGATED CONDUIT FITTING
Product Specification: 238M
Manufacturer: Guangdong Ctube Industry Co., Ltd
Material and Stock: PVC
Other Information: Resistance to UV

Model range: 10mm, 20mm, 25mm, 32mm, 40mm, 50mm

None: Information and sample(s) requires submitted and confirmed by the client. SGS assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

Issue Ref. No.: XN620R020495
Date of Report: Apr 08, 2020
Testing Start Date: Apr 08, 2020
Testing End Date: Apr 21, 2020

Test result(s): For further details, please refer to the following report(s).
 2. Please check the result shown in the test report refer only to the sample(s) listed.

Signed for: SGS CTS Standards Technical Services Co., Ltd. Xiamen District Testing Center
 J. Zhai
 J. Zhai
 Authorized signatory

SGS TEST REPORT
 No.: XN620R020495
 Date: Apr 21, 2020
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Summary of Results:

No.	Test Item	Test Method	Result
1	Light Aging Test (UV)	ASTM D2576-18 (2017) § 205 (B5) GB 18254-2015	Grey scale: 4

Original Sample Photo:

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 No.: XN620R020495
 Date: Apr 21, 2020
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Test Item: Light Aging Test (UV Exposure)
Sample Description: Plastic part
Test Method: ASTM D2576-18 (2017) § 205 (B5) & ISO 105-A02:1992 (2.2.2.85)
Test Condition:

Customer cycle: ASTM D2576-18 (2017) § 205 (B5)
 Lamp type: UVA-340
 8h UV in (B5): 0.077, 0.0896h/m²@340nm
 As combination of (B5): 0.077

Customer location: 1008

Test Result:

Equipment	Grey scale
#1-#5	4

Note: According to ISO 105-A02:1992 (2.2.2.85), the grey scale was determined under the D55 standard light, with scale 5 on the test and scale 4 on the rest.

Test Photo:

SGS TEST REPORT
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Reference sample:

Tested sample (20cm part):

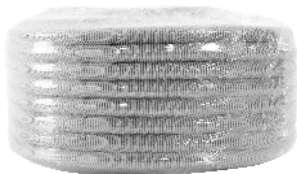
Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
UV Accelerator	Q-U-36	GDH-A0-E08	2020-03-08	2021-03-08
Measuring Tool	CAGE	GDH-A0-E00	2019-05-13	2020-05-12

Note: The above test was carried out by SGS-CTSP Specialty Technical Services Co., Ltd., Guangdong Province. ***** One of report*****



HD SOLAR CORRUGATED CONDUIT GREY



Comply with AS/NZS 2053
 Heavy duty grey
 Flame retardant
 Resistance to UV
 Resistance to compression Minimum 1250Nt/5cm

ITEM NO	DESCRIPTION	UNIT	QTY
CT-HDSOLCCY2050	HD SOLAR CORRUGATED CONDUIT GREY 20MM X 50M	ROLL	1
CT-HDSOLCCY2550	HD SOLAR CORRUGATED CONDUIT GREY 25MM X 50M	ROLL	1
CT-HDSOLCCY3225	HD SOLAR CORRUGATED CONDUIT GREY 32MM X 25M	ROLL	1
CT-HDSOLCCY4025	HD SOLAR CORRUGATED CONDUIT GREY 40MMX 25M	ROLL	1
CT-HDSOLCCY5025	HD SOLAR CORRUGATED CONDUIT GREY 50MMX 25M	ROLL	1



HD SOLAR CORRUGATED CONDUIT BLACK



Comply with AS/NZS 2053

Heavy duty black

Flame retardant

Resistance to UV

Resistance to compression Minimum 1250Nt/5cm

ITEM NO	DESCRIPTION	UNIT	QTY
CT-HDSOLCCB2050	HD SOLAR CORRUGATED CONDUIT BLACK 20MM X 50M	ROLL	1
CT-HDSOLCCB2550	HD SOLAR CORRUGATED CONDUIT BLACK 25MM X 50M	ROLL	1
CT-HDSOLCCB3225	HD SOLAR CORRUGATED CONDUIT BLACK 32MM X 25M	ROLL	1
CT-HDSOLCCB4025	HD SOLAR CORRUGATED CONDUIT BLACK 40MM X 25M	ROLL	1
CT-HDSOLCCB5025	HD SOLAR CORRUGATED CONDUIT BLACK 50MM X 25M	ROLL	1



HD SOLAR RIGID CONDUIT GREY

Comply with AS/NZS 2053

Heavy duty grey

Flame retardant

Resistance to UV

Resistance to compression Minimum 1250Nt/5cm

ITEM NO	DESCRIPTION	W.T		L(m)	UNIT	QTY
		Min(mm)	Max(mm)			
CT-HDSOLRCY20	HD SOLAR RIGID CONDUIT GREY 20MM	2.3	2.6	4	bundle	15
CT-HDSOLRCY25	HD SOLAR RIGID CONDUIT GREY 25MM	2.5	2.8	4	bundle	10
CT-HDSOLRCY32	HD SOLAR RIGID CONDUIT GREY 25MM	2.7	3	4	bundle	10
CT-HDSOLRCY40	HD SOLAR RIGID CONDUIT GREY 32MM	3.1	3.4	4	bundle	5
CT-HDSOLRCY50	HD SOLAR RIGID CONDUIT GREY 40MM	3.4	3.9	4	bundle	5
CT-HDSOLRCY63	HD SOLAR RIGID CONDUIT GREY 50MM	3.9	4.5	4	bundle	5
CT-HDSOLRCY80	HD SOLAR RIGID CONDUIT GREY 63MM	4.6	5.3	4	bundle	1
CT-HDSOLRCY100	HD SOLAR RIGID CONDUIT GREY 80MM	5.9	6.7	4	bundle	1
CT-HDSOLRCY125	HD SOLAR RIGID CONDUIT GREY 100MM	7.2	8.1	4	bundle	1
CT-HDSOLRCY150	HD SOLAR RIGID CONDUIT GREY 150MM	8.3	9.3	4	bundle	1



ADAPTABLE BOX

Comply with AS/NZS 2053
 Flame retardant
 Resistance to UV
 with stainless steel screws and waterproof ring
 IP67
 Suitable for solar installation

ITEM NO	SIZE	INNER PACKING		OUTER PACKING	
	Length x Width x Height(mm)	UNIT	QTY	UNIT	QTY
CT-AB8562	85x85x62mm	PAK	1	CTN	96
CT-AB10850	108x108x50mm	PAK	1	CTN	63
CT-AB10876	108x108x76mm	PAK	1	CTN	45
CT-AB16381	163x108x81mm	PAK	1	CTN	42
CT-AB21181	211x108x81mm	PAK	1	CTN	18
CT-AB300152	300x200x152mm	PAK	1	CTN	4
CT-Ab300200	300x200x200mm	PAK	1	CTN	4



SHALLOW JUNCTION BOX GREY



Comply with AS/NZS 2053
 Flame retardant
 Resistance to UV
 with stainless steel screws
 suitable for solar installation

ITEM NO	DESCRIPTION	INNER PACKING		OUTER PACKING	
		UNIT	QTY	UNIT	QTY
CT-SJB20-1	SHALLOW JUNCTION BOX GREY 1 WAY 20MM	BOX	10	CTN	200
CT-SJB20-2	SHALLOW JUNCTION BOX GREY 2 WAY 20MM	BOX	10	CTN	200
CT-SJB20-2R	SHALLOW JUNCTION BOX GREY 2 WAY ANGLE 20MM	BOX	10	CTN	200
CT-SJB20-3	SHALLOW JUNCTION BOX GREY 3 WAY 20MM	BOX	10	CTN	200
CT-SJB20-4	SHALLOW JUNCTION BOX GREY 4 WAY 20MM	BOX	10	CTN	200
CT-SJB25-1	SHALLOW JUNCTION BOX GREY 1 WAY 25MM	BOX	10	CTN	200
CT-SJB25-2	SHALLOW JUNCTION BOX GREY 2 WAY 25MM	BOX	10	CTN	200
CT-SJB25-2R	SHALLOW JUNCTION BOX GREY 2 WAY ANGLE 25MM	BOX	10	CTN	200
CT-SJB25-3	SHALLOW JUNCTION BOX GREY 3 WAY 25MM	BOX	10	CTN	200
CT-SJB25-4	SHALLOW JUNCTION BOX GREY 4 WAY 25MM	BOX	10	CTN	200



DEEP JUNCTION BOX GREY

Comply with AS/NZS 2053
 Flame retardant
 Resistance to UV
 with stainless steel screws
 suitable for solar installation

ITEM NO	DESCRIPTION	INNER PACKING		OUTER PACKING	
		UNIT	QTY	UNIT	QTY
CT-DJB20-1	DEEP JUNCTION BOX GREY 1 WAY 20MM	BOX	10	CTN	100
CT-DJB20-2	DEEP JUNCTION BOX GREY 2 WAY 20MM	BOX	10	CTN	100
CT-DJB20-2R	DEEP JUNCTION BOX GREY 2 WAY ANGLE 20MM	BOX	10	CTN	100
CT-DJB20-3	DEEP JUNCTION BOX GREY 3 WAY 20MM	BOX	10	CTN	100
CT-DJB20-4	DEEP JUNCTION BOX GREY 4 WAY 20MM	BOX	10	CTN	100
CT-DJB25-1	DEEP JUNCTION BOX GREY 1 WAY 25MM	BOX	10	CTN	100
CT-DJB25-2	DEEP JUNCTION BOX GREY 2 WAY 25MM	BOX	10	CTN	100
CT-DJB25-2R	DEEP JUNCTION BOX GREY 2 WAY ANGLE 25MM	BOX	10	CTN	100
CT-DJB25-3	DEEP JUNCTION BOX GREY 3 WAY 25MM	BOX	10	CTN	100
CT-DJB25-4	DEEP JUNCTION BOX GREY 4 WAY 25MM	BOX	10	CTN	100



HD SWEEP BEND GREY

Comply with AS/NZS 2053
 Flame retardant
 Resistance to UV
 Join with conduit, suitable for solar installation

ITEM NO	DESCRIPTION	OUTER PACKING	
		UNIT	QTY
CT-SWBY20	HD SWEEP BEND GREY 20MM	CTN	180
CT-SWBY25	HD SWEEP BEND GREY 25MM	CTN	135
CT-SWBY32	HD SWEEP BEND GREY 32MM	CTN	100
CT-SWBY40	HD SWEEP BEND GREY 40MM	CTN	35
CT-SWBY50	HD SWEEP BEND GREY 50MM	CTN	28



STANDARD BEND GREY

Comply with AS/NZS 2053
 Flame retardant
 Resistance to UV
 Join with conduit, suitable for solar installation

ITEM NO	DESCRIPTION	OUTER PACKING	
		UNIT	QTY
CT-STBY20	STANDARD BEND GREY 20MM	CTN	180
CT-STBY25	STANDARD BEND GREY 25MM	CTN	135
CT-STBY32	STANDARD BEND GREY 32MM	CTN	100
CT-STBY40	STANDARD BEND GREY 40MM	CTN	35
CT-STBY50	STANDARD BEND GREY 50MM	CTN	28



SOLID ELBOW GREY

Comply with AS/NZS 2053
 Flame retardant
 Resistance to UV
 Join with conduit, suitable for solar installation

ITEM NO	DESCRIPTION	INNER PACKING		OUTER PACKING	
		UNIT	QTY	UNIT	QTY
CT-SE20	SOLID ELBOW GREY 20MM	BOX	20	CTN	500
CT-SE25	SOLID ELBOW GREY 25MM	BOX	20	CTN	500
CT-SE32	SOLID ELBOW GREY 32MM	BOX	20	CTN	500



90 DEGREE ELBOWS GREY

Comply with AS/NZS 2053
 Flame retardant
 Resistance to UV
 Join with conduit, suitable for solar installation

ITEM NO	DESCRIPTION	INNER PACKING		OUTER PACKING	
		UNIT	QTY	UNIT	QTY
CT-PE16	90 DEGREE ELBOWS GREY 16MM	BOX	20	CTN	500
CT-PE20	90 DEGREE ELBOWS GREY 20MM	BOX	20	CTN	500
CT-PE25	90 DEGREE ELBOWS GREY 25MM	BOX	10	CTN	500
CT-PE32	90 DEGREE ELBOWS GREY 32MM	BOX	5	CTN	500



Solid Coupling

Comply with AS/NZS 2053

Flame retardant

Resistance to UV

Join with conduit, suitable for solar installation

ITEM NO	DESCRIPTION	INNER PACKING		OUTER PACKING	
		UNIT	QTY	UNIT	QTY
CT-SC16	SOLID COUPLING 16MM	BOX	200	CTN	2000
CT-SC20	SOLID COUPLING 20MM	BOX	50	CTN	1000
CT-SC25	SOLID COUPLING 25MM	BOX	50	CTN	1000
CT-SC32	SOLID COUPLING 32MM	BOX	20	CTN	500
CT-SC40	SOLID COUPLING 40MM	BOX	10	CTN	200
CT-SC50	SOLID COUPLING 50MM	BOX	10	CTN	200



Plain to Screwed Adaptor

Comply with AS/NZS 2053

Flame retardant

Resistance to UV

Join with conduit, suitable for solar installation

ITEM NO	DESCRIPTION	INNER PACKING		OUTER PACKING	
		UNIT	QTY	UNIT	QTY
CT-PSA20	Plain to Screwed Adaptor 20MM	BOX	50	CTN	1000
CT-PSA25	Plain to Screwed Adaptor 25MM	BOX	50	CTN	1000
CT-PSA32	Plain to Screwed Adaptor 32MM	BOX	20	CTN	500
CT-PSA40	Plain to Screwed Adaptor 40MM	BOX	10	CTN	200
CT-PSA50	Plain to Screwed Adaptor 50MM	BOX	5	CTN	200



Lock rings

Comply with AS/NZS 2053

Flame retardant

Resistance to UV

Join with conduit, suitable for solar installation

ITEM NO	DESCRIPTION	INNER PACKING		OUTER PACKING	
		UNIT	QTY	UNIT	QTY
CT-LR20	LOCK RING 20MM	BOX	50	CTN	4000
CT-LR25	LOCK RING 25MM	BOX	50	CTN	2000
CT-LR32	LOCK RING 32MM	BOX	20	CTN	1000
CT-LR40	LOCK RING 40MM	BOX	20	CTN	1000
CT-LR50	LOCK RING 50MM	BOX	20	CTN	1000



Corrugated To Screw Adapters

Comply with AS/NZS 2053

Flame retardant

Resistance to UV

Join with conduit, suitable for solar installation

ITEM NO	DESCRIPTION	INNER PACKING		OUTER PACKING	
		UNIT	QTY	UNIT	QTY
CT-CSA20	CORRUGATED TO SCREW ADAPTERS 20MM	BOX	50	CTN	1000
CT-CSA25	CORRUGATED TO SCREW ADAPTERS 25MM	BOX	50	CTN	1000



Straight Tee

Comply with AS/NZS 2053.
 Flame retardant
 Resistance to UV
 Join with conduit, suitable for solar installation

ITEM NO	DESCRIPTION	INNER PACKING		OUTER PACKING	
		UNIT	QTY	UNIT	QTY
CT-ST16	STRAIGHT TEE 16MM	BOX	20	CTN	1000
CT-ST20	STRAIGHT TEE 20MM	BOX	20	CTN	1000
CT-ST25	STRAIGHT TEE 25MM	BOX	10	CTN	500
CT-ST32	STRAIGHT TEE 32MM	BOX	10	CTN	200



U Clip

Comply with AS/NZS 2053.
 Flame retardant
 Resistance to UV
 Join with conduit, suitable for solar installation

ITEM NO	DESCRIPTION	INNER PACKING		OUTER PACKING	
		UNIT	QTY	UNIT	QTY
CT-UC16	U CLIP 16MM	BOX	100	CTN	2000
CT-UC20	U CLIP 20MM	BOX	100	CTN	2000
CT-UC25	U CLIP 25MM	BOX	100	CTN	1000
CT-UC32	U CLIP 32MM	BOX	100	CTN	1000
CT-UC40	U CLIP 40MM	BOX	100	CTN	500
CT-UC50	U CLIP 50MM	BOX	100	CTN	500



Extension Ring

Comply with AS/NZS 2053.
 Flame retardant
 Resistance to UV
 Join with conduit, suitable for solar installation

ITEM NO	DESCRIPTION	INNER PACKING		OUTER PACKING	
		UNIT	QTY	UNIT	QTY
CT-ER	Extension Ring	BOX	50	CTN	500



Half Saddle with nail

Galvanized steel
Thickness 1.1-1.2mm
With nail

ITEM NO	DESCRIPTION	INNER PACKING		OUTER PACKING	
		UNIT	QTY	UNIT	QTY
CT-HS20	Half Saddle with nail 20MM	BOX	20	CTN	2000
CT-HS25	Half Saddle with nail 25MM	BOX	20	CTN	1000
CT-HS32	Half Saddle with nail 32MM	BOX	20	CTN	1000
CT-HS40	Half Saddle with nail 40MM	BOX	20	CTN	500
CT-HS50	Half Saddle with nail 50MM	BOX	20	CTN	500



Full Saddle

Galvanized steel
Thickness 1.1-1.2mm

ITEM NO	DESCRIPTION	INNER PACKING		OUTER PACKING	
		UNIT	QTY	UNIT	QTY
CT-FS20	Full Saddle 20MM	BOX	20	CTN	2000
CT-FS25	Full Saddle 25MM	BOX	20	CTN	1000
CT-FS32	Full Saddle 32MM	BOX	20	CTN	1000
CT-FS40	Full Saddle 40MM	BOX	20	CTN	500
CT-FS50	Full Saddle 50MM	BOX	20	CTN	500



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