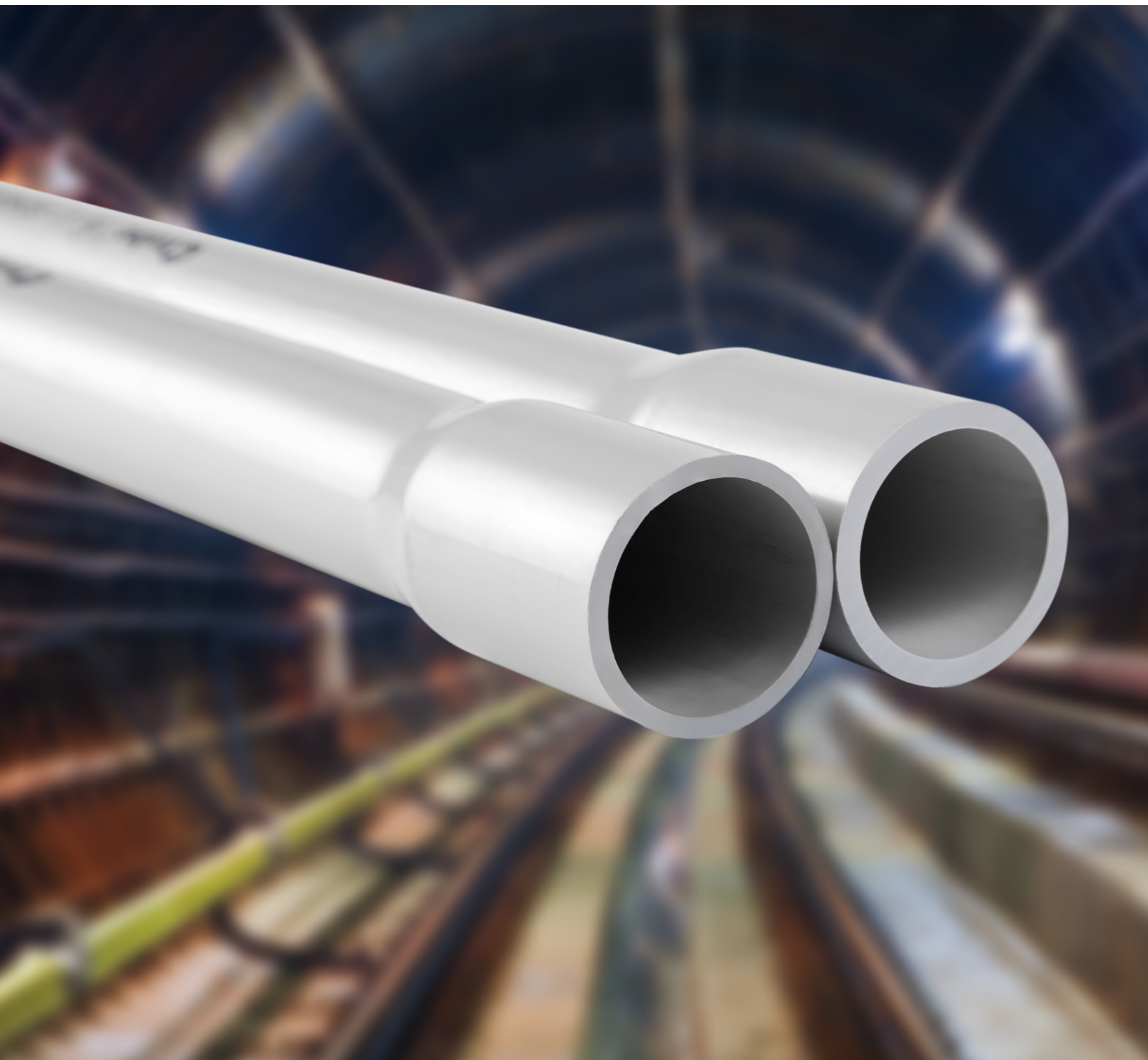




## UL Standard Electrical Conduit

Schedule 40 & 80 PVC Conduit , Type EB & Type A PVC Conduit, DB120 PVC Utilities Duct  
Flexible Corrugated PVC Conduit, Low Smoke Halogen Free Conduit





IEC61034-2

Report No. TC.20.04.001569 Date of Issue 05/13/2020

Report No. TC.20.04.001569 Date of Issue 05/13/2020

1. IEC 61034-2:2013 Measurement of smoke density of cables burning under defined conditions Part 2: Test procedure and requirements

Table with 3 columns: Item, Value, Unit. Includes diameter (20 mm), number of cores (1), number of bundles (3), and test conditions (Temp: 23±2°C, Humidity: 50±5%).

1.2 Test Result: The minimum light transmittance within 40 minutes: (%) 68.97

Requirement: Within the first 40 minutes, the light transmittance shall not drop to below 60%.

Conclusion: Pass

Statement: The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test. They are not intended to be the sole criterion for assessing the potential smoke and toxicity hazard of the product in use.

Test results are valid for client internal reference. Drafted by: [Signature] Approved by: [Signature]

Applicant: GuangDong Chube Industry Co., Ltd. Applicant address: ChangTang New Industry, Jiaqi Village, ZhongTang Town, Dongguan City, China

Table with 3 columns: Sample, Description, Photo. Sample 001: Sample Description: Low Smoke Halogen Free Corded; Material: PVC; Color: grey; Thickness: 1.7mm; Diameter: 20mm.

Receipt Date of Sample: 04/30/2020 Date of Testing: From 04/30/2020 to 05/13/2020

Sample submitted: The sample(s) was (were) submitted by applicant and identified.

Table with 4 columns: Test item, Item, Standard, Conclusion. Row 1: Smoke density testing, IEC 61034-2:2013, Pass.

End of Report. TUV logo and address information.

Conclusion. TUV logo and address information.

IEC60670

MA, IEC-MA, CNAS TESTING CLASS LOGS Page 1 of 33 No.: GJW2020-5783

TEST REPORT

NAME OF SAMPLE: Plastic enclosures (LSOH Adaptable Box)

CLIENT: GuangDong Chube Industry Co., Ltd.

CLASSIFICATION OF TEST: Commission test



TEST REPORT Page 2 of 33

Name of product: Plastic enclosures (LSOH Adaptable Box). Type/Model: COVER. Dimensions: 100\*100\*100mm, 100\*100\*120mm, 100\*100\*150mm, 100\*100\*180mm, 100\*100\*200mm, 100\*100\*250mm, 100\*100\*300mm, 100\*100\*350mm, 100\*100\*400mm, 100\*100\*450mm, 100\*100\*500mm, 100\*100\*550mm, 100\*100\*600mm, 100\*100\*650mm, 100\*100\*700mm, 100\*100\*750mm, 100\*100\*800mm, 100\*100\*850mm, 100\*100\*900mm, 100\*100\*950mm, 100\*100\*1000mm, 100\*100\*1050mm, 100\*100\*1100mm, 100\*100\*1150mm, 100\*100\*1200mm, 100\*100\*1250mm, 100\*100\*1300mm, 100\*100\*1350mm, 100\*100\*1400mm, 100\*100\*1450mm, 100\*100\*1500mm, 100\*100\*1550mm, 100\*100\*1600mm, 100\*100\*1650mm, 100\*100\*1700mm, 100\*100\*1750mm, 100\*100\*1800mm, 100\*100\*1850mm, 100\*100\*1900mm, 100\*100\*1950mm, 100\*100\*2000mm, 100\*100\*2050mm, 100\*100\*2100mm, 100\*100\*2150mm, 100\*100\*2200mm, 100\*100\*2250mm, 100\*100\*2300mm, 100\*100\*2350mm, 100\*100\*2400mm, 100\*100\*2450mm, 100\*100\*2500mm, 100\*100\*2550mm, 100\*100\*2600mm, 100\*100\*2650mm, 100\*100\*2700mm, 100\*100\*2750mm, 100\*100\*2800mm, 100\*100\*2850mm, 100\*100\*2900mm, 100\*100\*2950mm, 100\*100\*3000mm, 100\*100\*3050mm, 100\*100\*3100mm, 100\*100\*3150mm, 100\*100\*3200mm, 100\*100\*3250mm, 100\*100\*3300mm, 100\*100\*3350mm, 100\*100\*3400mm, 100\*100\*3450mm, 100\*100\*3500mm, 100\*100\*3550mm, 100\*100\*3600mm, 100\*100\*3650mm, 100\*100\*3700mm, 100\*100\*3750mm, 100\*100\*3800mm, 100\*100\*3850mm, 100\*100\*3900mm, 100\*100\*3950mm, 100\*100\*4000mm, 100\*100\*4050mm, 100\*100\*4100mm, 100\*100\*4150mm, 100\*100\*4200mm, 100\*100\*4250mm, 100\*100\*4300mm, 100\*100\*4350mm, 100\*100\*4400mm, 100\*100\*4450mm, 100\*100\*4500mm, 100\*100\*4550mm, 100\*100\*4600mm, 100\*100\*4650mm, 100\*100\*4700mm, 100\*100\*4750mm, 100\*100\*4800mm, 100\*100\*4850mm, 100\*100\*4900mm, 100\*100\*4950mm, 100\*100\*5000mm, 100\*100\*5050mm, 100\*100\*5100mm, 100\*100\*5150mm, 100\*100\*5200mm, 100\*100\*5250mm, 100\*100\*5300mm, 100\*100\*5350mm, 100\*100\*5400mm, 100\*100\*5450mm, 100\*100\*5500mm, 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100\*100\*34400mm, 100\*100\*34450mm, 100\*100\*34500mm, 100\*100\*34550mm, 100

IEC60754-2

Report No. TC.20.09.004363  
Date of Issue 09/14/2020

Applicant: Guangdong Ctube Industry Co., Ltd.  
Applicant address: ChenTang Niniu Industry, Jiaoli Village, ZhongTang Town, DongGuan City, China

Sample	Description	Photo
001	Sample Description: HF Band, HF Shallow Junction box 1-4 way, HF Deep Junction box 1-4 way, HF Adaptor box, HF pipe elbow, HF solid elbow, HF inspection box, HF Clips, HF Adaptors with male thread and lock ring, HF couplers, HF Tube Style No.: 16mm,20mm,20mm,32mm,40mm,50mm,63mm Manufacturer: Guangdong Ctube Industry Co., Ltd Country of origin: China	

Receipt Date of Sample: 09/03/2020  
Date of Testing: From 09/03/2020 to 09/11/2020  
Sample submitted: The sample(s) was (were) submitted by applicant and identified.

No.	Items	Items	Conclusion
1	Determination of acidity (by pH measurement) and conductivity	IEC 60754-2:2011	Pass

Note: (1) Conformity to the Conditions as mentioned in the standard (2) The results relate only to the items tested (3) The test report shall not be reproduced except in full without the prior written consent of the company (4) Samples are tested as received.

Report No. TC.20.09.004363  
Date of Issue 09/14/2020

Test Results  
1. IEC 60754-2:2011 Test on gases evolved during combustion of materials from cables - part 2: Determination of acidity (by pH measurement) and conductivity

Precondition	Temperature (°C)	Humidity (%)	Duration(h)
	23±2	50±5	16

1.1 Sample details

Precondition	Temperature (°C)	Humidity (%)	Duration(h)
	23±2	50±5	16



Statement: The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential smoke and toxicity hazard of the product in use. Test results are just for internal reference.

Note: (1) Conformity to the Conditions as mentioned in the standard (2) The results relate only to the items tested (3) The test report shall not be reproduced except in full without the prior written consent of the company (4) Samples are tested as received.

Report No. TC.20.09.004363  
Date of Issue 09/14/2020

Changzhou Jinbiao Railway Transportation Technical Service Co., Ltd.

Drafted by: Wayne Wang  
Approved by: Shen hui

-End of Report-

Note: (1) Conformity to the Conditions as mentioned in the standard (2) The results relate only to the items tested (3) The test report shall not be reproduced except in full without the prior written consent of the company (4) Samples are tested as received.

UL 94

Report No. TC.20.07.002836  
Date of Issue 07/10/2020

Applicant: Guangdong Ctube Industry Co., Ltd.  
Applicant address: ChenTang Niniu Industry, Jiaoli Village, ZhongTang Town, DongGuan City, China

Sample	Description	Photo
001	Sample Description: 90° HF Band, HF Shallow Junction Box 4 way, HF Deep Junction Box 4 way, HF Adaptor box, HF 90 pipe elbow, HF solid elbow, HF inspection box, HF Clips, HF Adaptors with male thread and lock ring, HF Couplers, Tube Style No.: 16mm,20mm,20mm,32mm,40mm,50mm,63mm Manufacturer: Ctube H1108	

Receipt Date of Sample: 07/02/2020  
Date of Testing: From 07/02/2020 to 07/10/2020  
Sample submitted: The sample(s) was (were) submitted by applicant and identified.

No.	Items	Standard	Conclusion
1	Vertical Burning Test	UL 94-2013	V-0

Note: (1) Conformity to the Conditions as mentioned in the standard (2) The results relate only to the items tested (3) The test report shall not be reproduced except in full without the prior written consent of the company (4) Samples are tested as received.

Report No. TC.20.07.002836  
Date of Issue 07/10/2020

Test Results  
1. UL 94-2013 Plastic flammability test for electrical equipment

1.1 Sample details

Size of the samples	125mm*13mm
Diameter	About 1.8 mm
Number of the samples	10

Pre-conditioning

5 pieces	Temp: 70°C	168 h
5 pieces	Temp: 23±2 °C	48 h
	Humidity: 50±5 %	

1.2 Test Results

	Before aging					After aging				
	1	2	3	4	5	1	2	3	4	5
t <sub>1</sub> (s)	0	0	1	0	1	1	0	1	1	0
t <sub>2</sub> (s)	1	2	1	1	2	2	1	3	2	2
t <sub>3</sub> (s)	0	0	0	0	0	0	0	0	0	0
burn up to the holding clamp(Y/N)	N	N	N	N	N	N	N	N	N	N
Ignited the cotton(Y/N)	N	N	N	N	N	N	N	N	N	N

Remark:  
t<sub>1</sub> - After flame time after first flame application, s  
t<sub>2</sub> - After flame time after second flame application, s  
t<sub>3</sub> - Afterglow time after the second flame application, s  
Y - Observed  
N - Not Observed

1.3 Requirement:

Criteria conditions	V-0	V-1	V-2
Afterflame time for each individual specimen (t <sub>1</sub> or t <sub>2</sub> )	≤10s	≤30s	≤30s
Total afterflame time for any condition set (t <sub>1</sub> plus t <sub>2</sub> for the 5 specimens)	≤50s	≤200s	≤200s

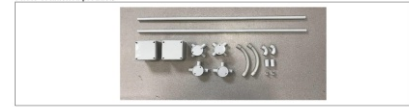
Note: (1) Conformity to the Conditions as mentioned in the standard (2) The results relate only to the items tested (3) The test report shall not be reproduced except in full without the prior written consent of the company (4) Samples are tested as received.

Report No. TC.20.07.002836  
Date of Issue 07/10/2020

Afterflame plus afterglow time after the second flame application (t <sub>1</sub> plus t <sub>2</sub> )	≤30s	≤60s	≤90s
Afterflame or afterglow of any specimen up to the holding clamp	No	No	No
Cotton indicator ignited by flaming particles or drops	No	No	Yes

1.4 Conclusion:

Rating	V-0
	V-0



Statement: The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential smoke and toxicity hazard of the product in use. Test results are just for internal reference.

Changzhou Jinbiao Railway Transportation Technical Service Co., Ltd.

Drafted by: Lynn lu  
Approved by: Shen hui

-End of Report-

Note: (1) Conformity to the Conditions as mentioned in the standard (2) The results relate only to the items tested (3) The test report shall not be reproduced except in full without the prior written consent of the company (4) Samples are tested as received.

# Low and high temperature

**Report No.** TC.20.07.002839

**Date of Issue** 07/10/2020

**Applicant:** Guangting Cube Industry Co., Ltd  
**Applicant address:** ChengTang Niuni Industry, Jiaoli Village, ZhongTang Town, Dongguan City, China

**Description of the test subject:**

Sample	Description	Photo
001	Hard 90° HP Steel HP Section Junction Box 4 way, HP Deep Junction Box 4 way, HP adapter box, HP 90° joint elbow, HP SCLs elbow, HP transition tee, HP Cross HP Adaptors with male thread and lock ring, HP Coupler, T-joint Size No. 15mm, 20mm, 25mm, 32mm, 40mm, 50mm, 63mm Manufacturer: Oubell	

**Receipt Date of Sample:** 07/02/2020  
**Date of Testing:** From 07/02/2020 to 07/10/2020  
**Sample submitted:** The sample(s) was (were) submitted by applicant and identified.

Test Item	Item	Standard	Result
1	High and low temperature test	Client's requirement	Pass

**Remark:** Date of the report is 07/10/2020

**TUV** logo and address: No. 100, West Century Street, High Street, 20001, Shanghai, China

**Report No.** TC.20.07.002839

**Date of Issue** 07/10/2020

**Test Results**

**5. High and low temperature test**

High temperature test conditions: 110°C±5h  
 Low temperature test conditions: -40°C±5h

Item	Test Results	Acceptance Criteria	Evaluation
High temperature resistance	After the test, the sample has no embrittlement, deformation, discoloration, cracking, etc.	After the test, the sample shall not embrittlement, deformation, discoloration, cracking, etc.	Pass
Low temperature resistance	After the test, the sample has no embrittlement, deformation, discoloration, cracking, etc.	After the test, the sample shall not embrittlement, deformation, discoloration, cracking, etc.	Pass

**Test photos:**


**TUV** logo and address: No. 100, West Century Street, High Street, 20001, Shanghai, China

**Report No.** TC.20.07.002839

**Date of Issue** 07/10/2020

**PRODUCT PHOTO**

**Test results are just for internal reference.**

Changzhou Jintao Railway Transportation Technical Service Co., Ltd

Drafted by:

Approved by:

Lynn Lu  
Shen Hui

**End of Report.**

**TUV** logo and address: No. 100, West Century Street, High Street, 20001, Shanghai, China

# UI651 ASTM D1784

**SGS** TEST REPORT

No.: G2N218603587PS  
 Date: Jul 01, 2021  
 Page: 1 of 14

**CUSTOMER NAME:** DONGGUAN HORDEAD DECORATIVE MATERIALS CO., LTD  
**ADDRESS:** ROOM 101, BUILDING 1, NO.8, DALINGSHAN HIPANROAD, DALINGSHAN TOWN, DONGGUAN, GUANGDONG, CHINA

**Sample Name:** UI651/PC  
 Above information and sample(s) requires submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

**Date of Receipt:** Jul 26, 2021  
**Testing Start Date:** Jul 26, 2021  
**Testing End Date:** Jul 01, 2021  
**Test result(s):** For further details, please refer to the following page(s).  
 Client's reference codes for the results shown in this test report refer only to the sample(s) tested.

Signed by:

Quincy Liu  
Authorized signatory

**SGS-CSTC Standards Technical Services Co., Ltd. QC Branch Testing Center**

**SGS** logo and address: No. 100, West Century Street, High Street, 20001, Shanghai, China

**SGS** TEST REPORT

No.: G2N218603587PS  
 Date: Jul 01, 2021  
 Page: 2 of 14

**Summary of Results:**

No.	Test Item	Test Method	Result	Conclusion
1	Deflection Temperature under Load	With reference to ASTM D1784-20 Section 11.3.4, ASTM D2459-18 Method A and client's requirement	73.6°C	/
2	Flammability	ASTM D1784-20 Section 11.5 & ASTM D2459-18	Self-extinguishing	Pass
3	Impact Resistance (Charpy)	With reference to ASTM D1784-20 Section 11.4.4, ASTM D2555-18 (Method A and client's requirement)	82J/m	/
4	Moisture Content Qualitative Analysis	ASTM E 1202-08D(2017)	Polyaryletherimide (PIEC)	/
5	Tensile Modulus	With reference to ASTM D1784-20 Section 11.3.8 and client's requirement	3000MPa	/
6	Tensile Strength	With reference to ASTM D1784-20 Section 11.3.4, ASTM D2555-18 and client's requirement	30.0MPa	/

**Note:**  
 Pass: Meet the requirements.  
 Fail: Does not meet the requirements.  
 /: Not Apply to the judgment.

**SGS** logo and address: No. 100, West Century Street, High Street, 20001, Shanghai, China

**SGS** TEST REPORT

No.: G2N218603587PS  
 Date: Jul 01, 2021  
 Page: 3 of 14

**Original Sample Photo:**

**SGS** logo and address: No. 100, West Century Street, High Street, 20001, Shanghai, China



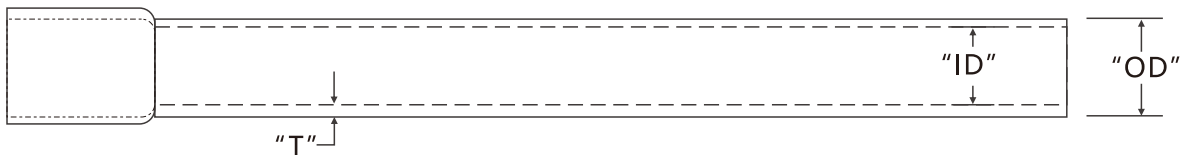
## Schedule 40 Rigid PVC Conduit

From the outset when the company was formed, Ctube aims to provide excellent electrical conduit & fittings. Ctube Schedule 40 rigid PVC conduit meets and exceeds quality standards.

- PVC material test: ASTM D1784-20, ASTM D635-18 ASTM D638-14, ASTM D256-10, ASTM E1252-98(2013).
- In accordance with UL651 Standard.
- PVC material which is corrosion resistant.
- Impact resistant.
- Sunlight resistant.
- Self extinguishing, fire resistant.
- Smooth interior and outside.
- Suitable for underground or above ground applications.
- Standard lengths 10 feet and 20 feet with a belled end or not. Other lengths can be customized for specific applications.

Item No.	Size	OD		Min Average ID		Min T	
		Average		Schedule 40		Schedule 40	
		Inches	mm	Inches	mm	Inches	mm
SCH40A	1/2	0.840±0.004	21.34±0.10	0.578	14.68	0.109	2.77
SCH40B	3/4	1.050±0.004	26.67±0.10	0.780	19.81	0.113	2.87
SCH40C	1	1.315±0.005	33.40±0.13	1.004	25.50	0.133	3.38
SCH40D	1-1/4	1.660±0.005	42.16±0.13	1.335	33.90	0.140	3.56
SCH40E	1-1/2	1.900±0.006	48.26±0.15	1.564	39.72	0.145	3.68
SCH40F	2	2.375±0.006	60.32±0.15	2.021	51.33	0.154	3.91
SCH40G	2-1/2	2.875±0.007	73.02±0.18	2.414	61.31	0.203	5.16
SCH40H	3	3.500±0.008	88.90±0.20	3.008	76.40	0.216	5.49
SCH40I	3-1/2	4.000±0.008	101.60±0.20	3.486	88.54	0.226	5.74
SCH40J	4	4.500±0.009	114.30±0.23	3.961	100.60	0.237	6.02
SCH40K	5	5.563±0.010	141.30±0.25	4.975	126.36	0.258	6.55
SCH40L	6	6.625±0.011	168.28±0.28	5.986	152.04	0.280	7.11
SCH40M	8	8.625±0.011	219.07±0.28	7.853	199.47	0.322	8.18

Dimensions are nominal





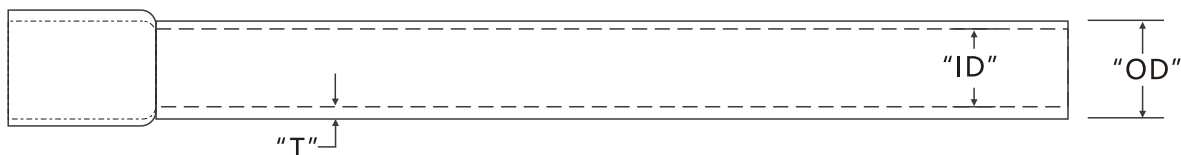
## Schedule 80 Rigid PVC Conduit

Ctube Schedule 80 Rigid PVC conduit is designed for use wherever Schedule 40 rigid PVC conduit may be used and are for installation on poles.

- PVC material test: ASTM D1784-20, ASTM D635-18 ASTM D638-14, ASTM D256-10, ASTM E1252-98(2013).
- In accordance with UL651 Standard.
- PVC material which is corrosion resistant.
- Impact resistant.
- Sunlight resistant.
- Self extinguishing, fire resistant.
- Smooth interior and outside.
- Suitable for underground or above ground applications.
- Standard lengths 10 feet and 20 feet with a belled end or not. Other lengths can be customized for specific applications.

Item No.	Size	OD		Min Average ID		Min T	
		Average		Schedule 80		Schedule 80	
		Inches	mm	Inches	mm	Inches	mm
SCH80A	1/2	0.840±0.004	21.34±0.10	0.502	12.75	0.147	3.73
SCH80B	3/4	1.050±0.004	26.67±0.10	0.698	17.72	0.154	3.91
SCH80C	1	1.315±0.005	33.40±0.13	0.910	23.11	0.179	4.55
SCH80D	1-1/4	1.660±0.005	42.16±0.13	1.227	31.16	0.191	4.85
SCH80E	1-1/2	1.900±0.006	48.26±0.15	1.446	36.72	0.200	5.08
SCH80F	2	2.375±0.006	60.32±0.15	1.881	47.77	0.218	5.54
SCH80G	2-1/2	2.875±0.007	73.02±0.18	2.250	57.15	0.276	7.01
SCH80H	3	3.500±0.008	88.90±0.20	2.820	71.62	0.300	7.62
SCH80I	3-1/2	4.000±0.008	101.60±0.20	3.280	83.31	0.318	8.08
SCH80J	4	4.500±0.009	114.30±0.23	3.737	94.91	0.337	8.56
SCH80K	5	5.563±0.010	141.30±0.25	4.713	119.71	0.375	9.53
SCH80L	6	6.625±0.011	168.28±0.28	5.646	143.41	0.432	10.97
SCH80M	8	8.625±0.011	219.07±0.28	7.513	190.83	0.500	12.70

Dimensions are nominal





## TYPE A Rigid PVC Conduit

Ctube Type A rigid PVC conduit is designed for use with 75°C wiring. And where encased in concrete in trenches outside of buildings, be used with 90°C wiring .

- PVC material test: ASTM D1784-20, ASTM D635-18 ASTM D638-14, ASTM D256-10, ASTM E1252-98(2013).
- In accordance with UL651 Standard.
- PVC material which is corrosion resistant.
- Impact resistant.
- Self extinguishing, fire resistant.
- Smooth interior and outside.
- Suitable for underground or above ground applications.
- Standard lengths 10 feet and 20 feet with a belled end or not. Other lengths can be customized for specific applications.

Item No.	Size	OD		Wall Thickness			
		Average		Max.		Min.	
		Inches	mm	Inches	mm	Inches	mm
TYPEAA	1/2	0.840 ±0.004	21.34 ±0.10	0.080	2.030	0.060	1.520
TYPEAB	3/4	1.050 ±0.004	26.67 ±0.10	0.080	2.030	0.060	1.520
TYPEAC	1	1.315 ±0.005	33.40±0.13	0.080	2.030	0.060	1.520
TYPEAD	1-1/4	1.660 ±0.005	42.16 ±0.13	0.090	2.290	0.070	1.780
TYPEAE	1-1/2	1.900 ±0.006	48.26 ±0.15	0.100	2.540	0.080	2.030
TYPEAF	2	2.375 ±0.006	60.32 ±0.15	0.120	3.050	0.100	2.540
TYPEAG	2-1/2	2.875 ±0.007	73.02 ±0.18	0.130	3.300	0.110	2.800
TYPEAH	3	3.500 ±0.008	88.90 ±0.20	0.145	3.680	0.125	3.180
TYPEAI	3-1/2	4.000±0.008	101.60 ±0.20	0.165	4.200	0.145	3.680
TYPEAJ	4	4.500±0.009	114.30 ±0.23	0.170	4.320	0.150	3.800
TYPEAK	5	5.563±0.010	141.30 ±0.25	0.190	4.826	0.170	4.318
TYPEAL	6	6.625±0.011	168.28 ±0.28	0.210	5.334	0.190	4.826

Dimensions are nominal







## TYPE EB Rigid PVC Conduit

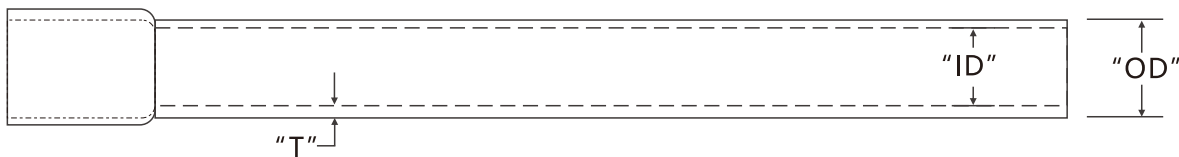
Ctube Type EB rigid PVC conduit is designed for use in concrete encased installations. Type EB is used with 90°C wiring.

- PVC material test: ASTM D1784-20, ASTM D635-18, ASTM D638-14, ASTM D256-10, ASTM E1252-98(2013).
- In accordance with UL651 Standard.
- PVC material which is corrosion resistant.
- Impact resistant.
- Self extinguishing, fire resistant.
- Smooth interior and outside.
- Produced in standard 20' Lengths or 10' lengths with a belled end.



Item No.	Size	OD		Wall Thickness			
		Average		Max.		Min.	
		Inches	mm	Inches	mm	Inches	mm
TYPEEBA	2	2.375±0.006	60.32±0.15	0.094	2.39	0.060	1.52
TYPEEBB	3	3.500±0.008	88.90±0.20	0.109	2.77	0.061	1.55
TYPEEBC	3-1/2	4.000±0.008	101.60±0.20	0.124	3.15	0.072	1.83
TYPEEBD	4	4.500±0.009	114.30±0.23	0.129	3.28	0.082	2.08
TYPEEBE	5	5.563±0.010	141.30±0.25	0.144	3.66	0.103	2.62
TYPEEBF	6	6.625±0.011	168.28±0.28	0.164	4.17	0.125	3.18

Dimensions are nominal





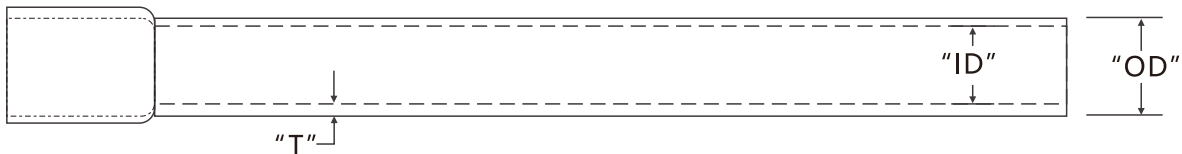
## DB120 PVC Utilites Duct

Ctube DB120 rigid PVC conduit is intended for installation underground for communications and electrical wire and cable, suitable for direct burial without encasement in concrete.

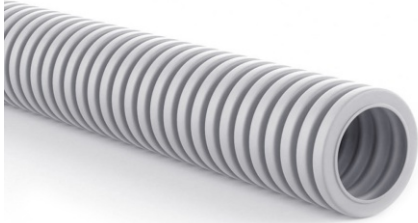
- In accordance with NEMA TC 6&8, ASTM F-512 Standard.
- Corrosion resistant.
- Impact resistant.
- Self extinguishing, fire resistant.
- Smooth interior and outside.
- Produced in standard 10' or 20' lengths with a belled end.

Item No.	Size	Average OD (inch)	Thickness 01 (inch)	Thickness 02 (inch)	Length
DB120RCA	1	1.315±0.005	0.060	0.060	10ft/20ft
DB120RCB	1-1/2	1.900±0.006	0.060	0.065	10ft/20ft
DB120RCC	2	2.375±0.006	0.077	0.083	10ft/20ft
DB120RCD	3	3.500±0.008	0.118	0.127	10ft/20ft
DB120RCE	3-1/2	4.000±0.008	0.136	0.147	10ft/20ft
DB120RCF	4	4.500±0.009	0.154	0.166	10ft/20ft
DB120RCG	5	5.563±0.010	0.191	0.205	10ft/20ft
DB120RCH	6	6.625±0.011	0.227	0.244	10ft/20ft

Dimensions are nominal



## Electrical Nonmetallic Tubing

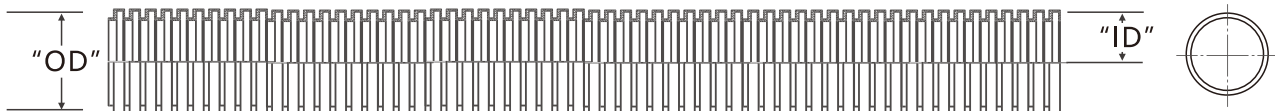


Ctube flexible corrugated pvc conduit is designed for electrical applications, which is exceeding flexibility and reduces installation time and cost.

- PVC material which is corrosion resistant.
- hand-bendable.
- Impact resistant.
- Sunlight resistant.
- Self extinguishing, fire resistant.
- Suitable for underground or above ground applications.
- Colors in Blue, Red and Yellow are available, or customized.

Item No.	Size	Average OD		Min Average ID		length per Coil	
		Inches	mm	Inches	mm	unit	ft
CT-ENTA	1/2	0.840	21.34	0.602	15.29	roll	100
CT-ENTB	3/4	1.050	26.67	0.804	20.42	roll	100
CT-ENTC	1	1.315	33.40	1.029	26.14	roll	100
CT-ENTD	1-1/4	1.660	42.17	1.360	34.55	roll	100
CT-ENTE	1-1/2	1.900	48.26	1.590	40.39	roll	100
CT-ENTF	2	2.375	60.36	2.047	51.99	roll	100
CT-ENTG	2-1/2	2.866	72.80	2.469	62.70	roll	100

Dimensions are nominal





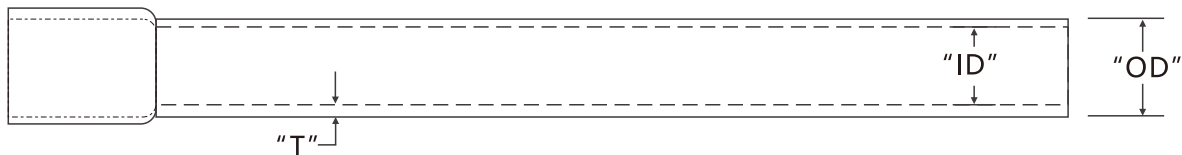
## Schedule 40 Rigid LSZH Conduit

Ctube Schedule 40 rigid conduit also can be made into low smoke zero halogen(LSZH, LSOH).

- No Halogens, safer to use in confined spaces and public buildings.
- Very low smoke and low toxicity generation.
- Vo fire resistant, self extinguishing, no burning drips.
- Excellent temperature range, from -45°C to +120 °C.
- Sunlight resistant.
- Impact resistant, very durable for use.
- Smooth interior and outside.
- Standard lengths 10 feet and 20 feet with a belled end or not. Other lengths can be customized for specific applications.

Item No.	Size	OD		Min Average ID		Min T	
		Average		Schedule 40		Schedule 40	
		Inches	mm	Inches	mm	Inches	mm
SCH40ALSZH	1/2	0.840±0.004	21.34±0.10	0.578	14.68	0.109	2.77
SCH40BLSZH	3/4	1.050±0.004	26.67±0.10	0.780	19.81	0.113	2.87
SCH40CLSZH	1	1.315±0.005	33.40±0.13	1.004	25.50	0.133	3.38
SCH40DLSZH	1-1/4	1.660±0.005	42.16±0.13	1.335	33.90	0.140	3.56
SCH40ELSZH	1-1/2	1.900±0.006	48.26±0.15	1.564	39.72	0.145	3.68
SCH40FLSZH	2	2.375±0.006	60.32±0.15	2.021	51.33	0.154	3.91
SCH40GLSZH	2-1/2	2.875±0.007	73.02±0.18	2.414	61.31	0.203	5.16
SCH40HLSZH	3	3.500±0.008	88.90±0.20	3.008	76.40	0.216	5.49
SCH40ILSZH	3-1/2	4.000±0.008	101.60±0.20	3.486	88.54	0.226	5.74
SCH40JLSZH	4	4.500±0.009	114.30±0.23	3.961	100.60	0.237	6.02
SCH40KLSZH	5	5.563±0.010	141.30±0.25	4.975	126.36	0.258	6.55
SCH40LLSZH	6	6.625±0.011	168.28±0.28	5.986	152.04	0.280	7.11
SCH40MLSZH	8	8.625±0.011	219.07±0.28	7.853	199.47	0.322	8.18

Dimensions are nominal



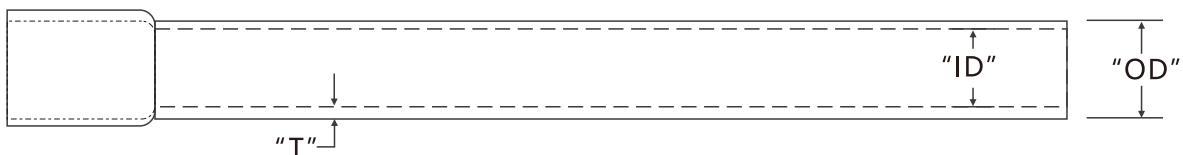
## Schedule 80 Rigid LSZH Conduit

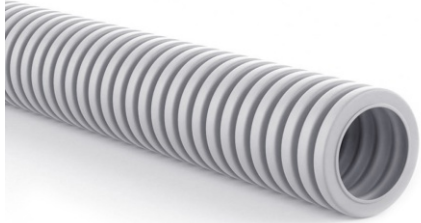


Ctube Schedule 80 rigid conduit also can be made into low smoke zero halogen(LSZH, LSOH).

- No Halogens, safer to use in confined spaces and public buildings.
- Very low smoke and low toxicity generation.
- Vo fire resistant, self extinguishing, no burning drips.
- Excellent temperature range, from -45°C to +120 °C.
- Sunlight resistant.
- Impact resistant, very durable for use.
- Smooth interior and outside.
- Standard lengths 10 feet and 20 feet with a belled end or not. Other lengths can be customized for specific applications.

Item No.	Size	OD		Min Average ID		Min T	
		Average		Schedule 80		Schedule 80	
		Inches	mm	Inches	mm	Inches	mm
SCH80ALSZH	1/2	0.840±0.004	21.34±0.10	0.502	12.75	0.147	3.73
SCH80BLSZH	3/4	1.050±0.004	26.67±0.10	0.698	17.72	0.154	3.91
SCH80CLSZH	1	1.315 ±0.005	33.40±0.13	0.910	23.11	0.179	4.55
SCH80DLSZH	1-1/4	1.660±0.005	42.16±0.13	1.227	31.16	0.191	4.85
SCH80ELSZH	1-1/2	1.900±0.006	48.26±0.15	1.446	36.72	0.200	5.08
SCH80FLSZH	2	2.375±0.006	60.32±0.15	1.881	47.77	0.218	5.54
SCH80GLSZH	2-1/2	2.875±0.007	73.02±0.18	2.250	57.15	0.276	7.01
SCH80HLSZH	3	3.500±0.008	88.90±0.20	2.820	71.62	0.300	7.62
SCH80ILSZH	3-1/2	4.000±0.008	101.60±0.20	3.280	83.31	0.318	8.08
SCH80JLSZH	4	4.500±0.009	114.30±0.23	3.737	94.91	0.337	8.56
SCH80KLSZH	5	5.563±0.010	141.30±0.25	4.713	119.71	0.375	9.53
SCH80LLSZH	6	6.625±0.011	168.28±0.28	5.646	143.41	0.432	10.97
SCH80MLSZH	8	8.625±0.011	219.07±0.28	7.513	190.83	0.500	12.70





## LSZH Electrical Nonmetallic Tubing

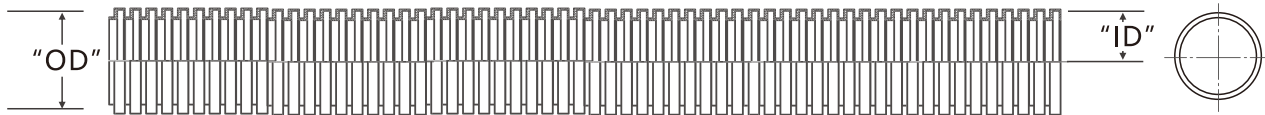
Ctube flexible corrugated pvc conduit is designed for electrical applications□ also can be made into low smoke zero halogen(LSZH, LSOH).



- No Halogens, safer to use in confined spaces and public buildings .
- Very low smoke and low toxicity generation.
- Vo fire resistant, self extinguishing, no burning drips.
- Excellent temperature range, from -45°C to +120°C.
- Sunlight resistant.
- hand-bendable, save time and cost.
- Colors in Blue, Red and Yellow are available, or customized.

Item No.	Size	Average OD		Min Average ID		length per Coil	
		Inches	mm	Inches	mm	unit	ft
CT-HFENTA	1/2	0.840	21.34	0.602	15.29	roll	100
CT-HFENTB	3/4	1.050	26.67	0.804	20.42	roll	100
CT-HFENTC	1	1.315	33.40	1.029	26.14	roll	100
CT-HFENTD	1-1/4	1.660	42.17	1.360	34.55	roll	100
CT-HFENTE	1-1/2	1.900	48.26	1.590	40.39	roll	100
CT-HFENTF	2	2.375	60.36	2.047	51.99	roll	100
CT-HFENTG	2-1/2	2.866	72.80	2.469	62.70	roll	100

\* Colors in Blue, Red and Yellow are available, or customized.





## Head Office

TAIWANG CTUBE PIPE INDUSTRY TECHNOLOGY CO.LTD

Sevrice Hotline: 400-992-3828

<https://www.ctube-gr.com/>

Email:info@c-tube.net

## Factory Centre A

GUANGDONG CTUBE INDUSTRY CO.LTD

🏠 A.B.C Zone, ChenTan NiNiu Industry JiaoLi

Viliage 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