

Part Number CB-300/600PVC

Header CB-300/CB-600 PVC Non-Shrink Tubing, 300V/600V

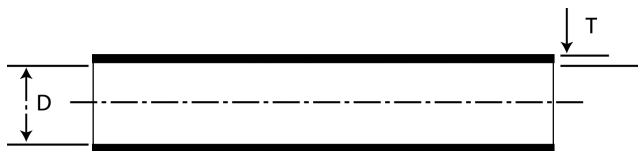
Description CB-300/CB-600 PVC tubing is flexible flame-retardant non heat-shrinkable tubing, which has excellent electrical and physical performances properties and outstanding acid fastness and corrosion resistivity. The product has UL recognition and the file No is E180908.

Agency Approval & Compliance UL, CUL, RoHS, FMark, UL224, REACH, VW1

Application CB-300/CB-600 PVC tubing is suitable for insulating electronics, automotive components, terminal lugs, small electrical parts, lead wires on toy motors and transformers etc.

Temperature Rating 105°C

Standard Sizes and Dimension



Size	Inside diameter (mm) (D)	300 PVC Wall-thickness (mm) (T)	600 PVC Wall-thickness (mm) (T)	Stock Packaging (Ft/Roll)	Stock Packaging (Mt/Roll)
5/8"	15.9	0.7±0.15	0.7±0.15	164	50
9/16"	14.3	0.7±0.15	0.7±0.15	328	100
1/2"	12.7	0.57±0.15	0.57±0.15	328	100
7/16"	11.1	0.57±0.15	0.57±0.15	656	200
3/8"	9.53	0.57±0.15	0.57±0.15	656	200
5/16"	7.92	0.57±0.15	0.57±0.15	1000	305
0#	8.38	0.45±0.15	0.57±0.15	1000	305
1#	7.47	0.45±0.15	0.57±0.15	1000	305
2#	6.68	0.45±0.15	0.57±0.15	1000	305
3#	5.94	0.45±0.15	0.57±0.15	1000	305
4#	5.28	0.45±0.15	0.57±0.15	1000	305
5#	4.72	0.45±0.15	0.57±0.15	1000	305
6#	4.22	0.45±0.15	0.57±0.15	1000	305
7#	3.87	0.45±0.15	0.57±0.15	1000	305
8#	3.38	0.45±0.15	0.57±0.15	1000	305
9#	3	0.45±0.15	0.57±0.15	1000	305
10#	2.69	0.35±0.15	0.57±0.15	1000	305
11#	2.41	0.35±0.10	0.57±0.10	1000	305

12#	2.16	0.35±0.10	0.57±0.10	1000	305
13#	1.93	0.35±0.10	0.57±0.10	1640	500
14#	1.68	0.35±0.10	0.57±0.10	1640	500
15#	1.5	0.35±0.10	0.57±0.10	1640	500
16#	1.34	0.35±0.10	0.57±0.10	1640	500
17#	1.19	0.35±0.10	0.57±0.10	1640	500
18#	1.07	0.35±0.10	0.45±0.10	1640	500
19#	0.96	0.35±0.10	0.45±0.10	1640	500
20#	0.86	0.35±0.10	0.45±0.10	1640	500
21#	0.79	0.35±0.10	0.45±0.10	1640	500

Note: Inside Diameter ±5% Other sizes are available upon special order.

Typical Properties

Item	CB-300/600 (PVC) Specifications
Temperature Rating (°C)	-10~105°C
Longitudinal Change	≤±5%
Tensile Strength (MPa)	≥10.4
Ultimate Elongation (%)	≥100
Aging in Circulating-air Oven	105 ±1.0°C, 168hrs
After aging - Tensile Strength (MPa)	≥7.3
After aging - Ultimate Elongation (%)	≥70
Potential Rating/V	300V, 600V
Volume Resistivity/Ωcm	≥10 ¹⁰
Dielectric Strength/V	2500(60s), No breakdown
Corrosion of Bare Copper	No corrosion
Heat Shock	No cracking
Cold Bend	No cracking

Availability Master reels and cut pieces

Important Notice All information contained in this data sheet is believed to be reliable and accurate. It is advised however that the end user of this material evaluate the suitability of the product for their specific application.

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