

Part Number CB-300/600PE

Header CB-300/600PE Polyolefin Non-Shrink Tubing, 300V/600V

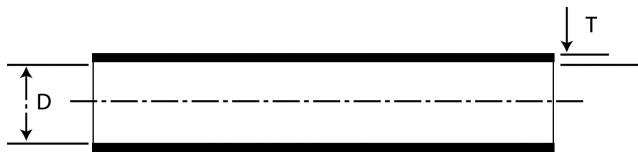
Description CB-300/600PE is flexible Polyolefin, halogen-free tubing, which has excellent electrical and physical performances properties and outstanding acid fastness and corrosion resistivity. The product has UL recognition and the file No is E180908.

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

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

Temperature Rating 125°C

Standard Sizes and Dimension



SIZE	Inside diameter (mm)	300PE Wall Thickness (mm)	600PE Wall Thickness (mm)
φ0.9	0.9±0.05	0.38±0.05	0.50±0.06
φ1.4	1.45±0.05	0.38±0.05	0.62±0.06
φ2.0	2.05±0.05	0.38±0.05	0.62±0.06
φ2.5	2.55±0.05	0.38±0.05	0.62±0.06
φ3.0	3.10±0.10	0.5±0.06	0.62±0.06
φ3.4	3.5±0.10	0.5±0.06	0.62±0.06
φ4.0	4.10±0.10	0.5±0.06	0.62±0.06
φ4.8	4.9±0.10	0.5±0.06	0.62±0.06
φ5.8	5.90±0.10	0.5±0.06	0.62±0.06
φ6.3	6.4±0.10	0.5±0.06	0.62±0.06
φ6.8	6.9±0.10	0.5±0.06	0.62±0.06
φ7.3	7.40±0.10	0.5±0.06	0.62±0.06
φ7.8	7.90±0.10	0.5±0.06	0.62±0.06
φ8.8	8.90±0.10	0.5±0.06	0.62±0.06
φ9.7	9.85±0.15	0.5±0.06	0.62±0.06
φ10.6	10.8±0.20	0.5±0.06	0.62±0.06
φ11.6	11.80±0.20	0.5±0.06	0.62±0.06
φ12.6	12.80±0.20	0.62±0.06	0.75±0.06
φ13.6	13.80±0.20	0.62±0.06	0.75±0.06

φ14.6	14.80±0.20	0.62±0.06	0.75±0.06
φ15.6	15.80±0.20	0.62±0.06	0.75±0.06

Typical Properties

Item	CB-300/600PE Specifications
Temperature Rating (°C)	125
Tensile Strength (MPa)	≥10.4
Ultimate Elongation (%)	≥200
Aging in Circulating-air Oven	158.0±1.0°C, 7 days
After aging - Tensile Strength (MPa)	≥7.3
After aging - Ultimate Elongation (%)	≥100
Potential Rating/V	300V, 600V
Volume Resistivity/Ωcm	≥10 ¹⁴
Dielectric Strength/V	2500(60s), No breakdown
Corrosion of Bare Copper	No corrosion
Heat Shock	No cracking
Flammability	VW-1

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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