

## KY-PVC 105°C Heat Shrink Tube For Battery

### Description

KY-PVC heat shrink tubing is made of PVC material, good electric insulation. It applies to electronic components, packing materials, aluminum electrolytic capacitor, battery, inductance, etc.



### Features & benefits

- 1, Low-temperature shrink, superior electric insulation, fire resistance
- 2, Two kinds of products according to temperature: 90°C , 105°C



## Product properties

Product Property	Test method	Unit	Test Date
Structural formula	—	—	$[-CH_2-\underset{\text{Cl}}{\underset{ }{\text{C}}}]_n$
Appearance	—	—	Pollution-free, foreign bodies, etc
undissolved partical	—	mm <sup>2</sup>	≤0.7
Bending(280mm)	—	mm	(under 8Φ)<3.0
			(above 10Φ)<3.5
Density	ATSM D792	g/cm <sup>3</sup>	1.2~1.4
Tensile strength	ASTM D638	N/m <sup>2</sup>	>107
Break elongation	ASTM D638	%	>42%
Water absorption	ASTM D570	%	<2.0%
Dielectric strength	ASTM D149	KV/mm	>15
Surface resistivity	ASTM D257	Ω	>10 <sup>9</sup>
Volume resistivity	ASTM D257	Ω·cm	>10 <sup>14</sup>

## Product dimension

### 105°C PVC heat shrink tubing, Model:KY-PVC 105°C

Size (mm)	Lay flat width (mm)	Wall thickness (mm)	Horizontal shrink ratio(%)	Vertical Shrink ratio(%)	High temperature vertical shrinkage ratio(%) Hot Oven(180±2)°C×15
Φ3	5.5±0.2	0.085±0.01	48±4	7±2	14±3
Φ4	7.3±0.2	0.09±0.01	''	6±2	''
Φ 5	9.2±0.2	''	''	''	''
Φ 6	10.6±0.2	''	''	''	''
Φ6.3	11.1±0.2	''	''	''	''
Φ8	14.1±0.2	0.095±0.01	''	''	''
Φ9	15.5±0.2	''	''	''	''

Φ10	17.1±0.2	0.10±0.01	''	''	''
Φ12	20.7±0.2	0.10±0.015	''	7±2	17±3
Φ12.5	21.6±0.2	''	''	''	''
Φ13	22.1±0.3	''	''	''	''
Φ14.5	24.6±0.3	''	''	''	''
Φ16	27.1±0.3	0.11±0.015	''	''	''
Φ18	30.1±0.3	''	''	''	''
Φ20	33.2±0.3	0.12±0.015	''	''	19±3
Φ22	36.3±0.3	''	''	''	''
Φ25	41.4±0.4	0.14±0.02	''	9.5±2	''
Φ30	50.0±0.6	''	''	''	''
Φ35	57.4±0.7	''	''	''	''
Φ40	66.2±1.0	''	''	''	''
Φ50	83.5±1.5	0.30±0.03	38±5	15±5	≤40.0
Φ63.5	106.0±1.5	''	''	''	''
Φ76	125.0±1.5	''	''	''	''
Φ89	145.0±1.5	''	''	''	''
Φ100	156.0±1.5	''	''	''	''

**Colors:** black, white, red, blue, yellow, green, transparent

**Pointed size** is available according to customers' request

**Remark:** Please save the products in the environment below 30°C, avoid the direct sunshine and closing to heat