

PVU (High Temp)



105°C PVC Sleeving, Sleeves and cable markers manufactured to meet the requirements of UL224.



Specifications

- Meets the requirements of UL224 105°C
- CSA 105°C Soft
- BS 2848 Type 3/105T
- IEC 684-3-100 to 105

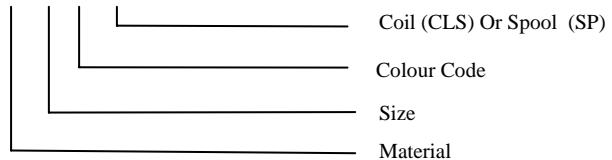
Applications

Hilltop Products' PVU is manufactured from a premium virgin "lead-free" polyvinylchloride (PVC) compound to produce a 600V/105°C rated tubing with VW-1 flame retardancy which meets the requirements of UL 224.

PVU10-0-CLS

Standard Colours & Colour Codes

0—Black	6—Blue
2—Red	9—White
4—Yellow	



INSIDE DIAMETER (m in)	WALL THICKNESS (mm)	Ordering Description
1.0	0.4	PVU10- <i>colour code</i> -CLS
1.5	0.4	PVU15- <i>colour code</i> -CLS
2.0	0.4	PVU20- <i>colour code</i> -CLS
2.5	0.4	PVU25- <i>colour code</i> -CLS
3.0	0.5	PVU30- <i>colour code</i> -CLS
4.0	0.5	PVU40- <i>colour code</i> -CLS
5.0	0.5	PVU50- <i>colour code</i> -CLS
6.0	0.5	PVU60- <i>colour code</i> -CLS
7.0	0.5	PVU70- <i>colour code</i> -CLS
8.0	0.6	PVU80- <i>colour code</i> -CLS
9.0	0.6	PVU90- <i>colour code</i> -CLS
10.0	0.6	PVU100- <i>colour code</i> -CLS
12.0	0.6	PVU120- <i>colour code</i> -CLS
14.0	0.7	PVU140- <i>colour code</i> -CLS
16.0	0.7	PVU160- <i>colour code</i> -CLS
20.0	0.8	PVU200- <i>colour code</i> -CLS
25.0	-	PVU250- <i>colour code</i> -CLS

Alternative wall thickness and other inside diameters may be available subject to special order. Other colours available upon request (non-standard).

Performance

PROPERTY	TEST METHOD	TYPICAL PERFORMANCE
Tensile Strength:	ISO 37	22.0 MPa
Ultimate Elongation:	ISO 37	260%
Continuous Operating Temperature:	-	-40 °C to +105 °C
Low Temperature:	ASTM D2671	No cracking or splitting
Dielectric Strength:	IEC 243	25 Kv/mm min
Insulation Resistance:	-	10 ¹² Ohm/cm
Flammability:	ASTM D2671	Highly flame retarded to meet the requirements of UL244 VW-1
Hardness	BSS	25 - 35