

## Premium Quality PVC Heat Shrinkable Insulating Tubing

### Size Ranges (mm)

LFW		Thickness
12.0mm - 220	x	0.05
12.0mm - 220	x	0.07
12.0mm - 220	x	0.10
21mm - 190	x	0.15
41mm - 190	x	0.20
55mm - 190	x	0.30

### Standard Roll Lengths

Thickness (mm)	Length
0.07	400 meters
0.10	300 meters
0.15	200 meters
0.20	200 meters
0.30	100 meters

### Tolerances

Lay Flat Width Range (mm)	Tolerance (mm)
12.0 - 72	+1.0,-0
72.5 - 89	+1.5,-0
89.5 - 99	+2.0,-0
99.5 - 129.5	+3.0,-0
130 and up	+5.0,-0

Thickness (mm)	Tolerance (mm)
0.05	+/- .025
0.07	+/- .02
0.10	+/- .02
0.15	+/- .04
0.20	+/- .04
0.30	+/- .05

### Colors

Standard : Clear, White and Black  
 Others : Available upon request

### Shrink Ratio

#### All Sizes

Machine Direction	5% or 10%	+/- 5%
Transverse Direction	45% or 50%	+/- 5%

### Physical Properties

Item	Data	Test References
Tensile Strength	400 kgs/sq.cm 39 Mpa and up	JISC-2132
Tear Strength	75 kgs/cm 735N/cm and up	JISK-6781
Volume Resistivity	10(14) ohm-cm and up	
Dielectric Breakdown Levels	0.07mm.... 5 kv and up 0.1mm.... 6 kv and up 0.15mm/0.2mm 12 kv and up 0.3mm.... 15 kv and up	

### Heat Resistance / Operating Temperature

Successive use up to 100 C +/- 2 C at 1,000 hours is possible without cracking. Certain conditions must prevail, especially the need to have a smooth, burr-free surface. Customer should perform testing if they wish to exceed the results found by our own testing.

### UL Recognized Component

UL 224 VW-1 Rated I.D. # E101994 (m)  
 More details available on request