

## GTP1 3:1 - Heat Shrinkable Polyolefin Tubing (shrinking ratio 3:1)

GTP1 is a irradiated polyolefin heat shrinkable tubing with a shrinking ratio of 3:1. It is widely used for electrical insulation, cable protection and cable assembling. It can be used for those application where a relatively low shrinking temperature is required.

### Thermal properties:

Usage temperature:  
-30°C +125°C

### Shrinking:

Shrinking ratio 3:1

### Colors:

Standard Color: Black. Other colors on request.

### Flame Retardant:

According to UL224 VW-1

### Applications:

- Harness
- Identification
- Electrical insulation
- Mechanical protection
- General electrical usage

### Certification:

UL224 VW-1

### Dimensions:

Diameter Before shrinking	After shrinking		Standard packing bobbins
Diameter mm.	Diameter mm.	Wall thickness	
1.5	0.5	0.50 ± 0.10	200 ± 2
3.0	1.0	0.65 ± 0.10	200 ± 2
4.5	1.5	0.65 ± 0.10	100 ± 1
6.0	2.0	0.75 ± 0.10	100 ± 1
9.0	3.0	0.95 ± 0.15	100 ± 1
12.0	4.0	1.10 ± 0.15	100 ± 1
18.0	6.0	1.25 ± 0.15	100 ± 1
24.0	8.0	1.50 ± 0.20	50 ± 0.5
39.0	13.0	1.90 ± 0.20	50 ± 0.5
50.0	16.0	2.50 ± 0.20	25 ± 0.2

### General Characteristics:

Properties	Values
Shrinking Ratio	3 : 1
Min. shrinking temperature	70°C
Continue operative temp.	-30°C +125°C
Longitudinal shrinking	5% (± 5%)

### Main technical characteristics:

Properties	Values
Tensile strenght	≥ 10.4 MPa
Elongation	≥ 200%
Flammability	UL224 VW-1
Dielectric Voltage withstand	≥ 15 KV/MM
Volume resistively	≥ 10 <sup>14</sup> Ωcm

It must be stored in a dry place, inside plastic bags, away from direct sunlight, weathering, chemical materials, direct heat sources or fire. Storage time is 12 months.

The values given above are believed to be accurate and given as a matter of information only. As usage conditions are beyond our control we suggest the customer to confirm values and product compatibility prior to its use. We don't guarantee nor accept any responsibility for any particular usage.