## 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 isulation, cable protection and cable assembling. It can be used for those application where a relatively low shrinking temperature is required.

## Thermal properties:

Usage temperature:
$-30^{\circ} \mathrm{C}+125^{\circ} \mathrm{C}$

## Shrinking:

Shrinking ratio 3:1

## Colors:

Standard Color: Black. Other colors on request.

## Dimensions:

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

## General Characteristics:

| Properties | Values |
| :---: | :---: |
| Shrinking Ratio | $3: 1$ |
| Min. shrinking temperature | $70^{\circ} \mathrm{C}$ |
| Continue operative temp. | $-30^{\circ} \mathrm{C}+125^{\circ} \mathrm{C}$ |
| Longitudinal shrinking | $5 \%( \pm 5 \%)$ |

## Main technical characteristics:

| Properties | Values |
| :--- | :---: |
| Tensile strenght | $\geq 10.4 \mathrm{MPa}$ |
| Elongation | $\geq 200 \%$ |
| Flammability | UL224 VW-1 |
| Dielectric Voltage withstand | $\geq 15 \mathrm{KV} / \mathrm{MM}$ |
| Volume resistively | $\geq 10^{14} \Omega \mathrm{~cm}$ |

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.

