

GTP1 is a heat shrinkable polyolefin tubing. Widely used in the harness field as electrical and mechanical protection; also used to identify cables. Flexible, flame retardant, Rohs conform and UL approved: its shrink ratio is 2:1 and particularly appreciated for the low shrink temperature.

Thermal Properties:

Usage temperatures:
-55°C +125°C

Shrink ratio:

Shrink ratio 2:1

Colors:

Black is standard color.
Other colors or bi-colors on request

Halogen Free: black

Flame Retardant:

UL224 VW-1

Applications:

- Harness
- Mechanical protection
- Illuminations
- General electrica

Certifications:

UL224 VW-1

UL  File



Dimensions:

Diameter before shrinking	After shrinking		Standard packing
	Diameter mm.	Wall thickness	
1.2	0.6	0.33 ± 0.05	200 ± 2
1.6	0.8	0.36 ± 0.05	200 ± 2
2.4	1.2	0.44 ± 0.05	200 ± 2
3.2	1.6	0.44 ± 0.05	200 ± 2
4.8	2.4	0.44 ± 0.08	200 ± 2
6.4	3.2	0.56 ± 0.08	100 ± 1
9.5	4.8	0.56 ± 0.08	100 ± 1
12.7	6.4	0.56 ± 0.08	75 ± 1
16.0	8.0	0.69 ± 0.08	50 ± 0.5
19.0	9.5	0.77 ± 0.15	50 ± 0.5
25.4	12.7	0.89 ± 0.15	50 ± 0.5
32.0	16.0	0.89 ± 0.15	50 ± 0.5
38.1	19.0	1.00 ± 0.15	50 ± 0.5
50.8	25.4	1.00 ± 0.15	50 ± 0.5
On request available special packaging			

General characteristics:

Properties	Values
Shrinking ratio	2:1
Min. shrinking temperature	90°C
Continue operative temperature	-55°C +125°C
Longitudinal shrining	5% (±5%)

Technical characteristics:

Properties	Test method	Values
Tensile strength		≥ 10.4 Mpa
Elongation		≥ 200%
Tensile strength after aging	158±1°C, 168 hr	70% of original
Elongation after aging		100%
Flammability	UL224	VW-1
Dielectric strenght	ICE243	≥ 15kV/mm
Volume resistively		≥ 10 ¹⁴ Ω cm

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.