

HEAT SHRINKABLE POLYOLEFIN TUBING

On request it is possible to supply UL approved material

Thermal Properties

Operating temp. -55°C +125°C

Flame Retardant

UL 224 VW-1
(all excluded clear)

Halogen Free

GTP-1 is an Halogen Free heat shrinkable tubing

Colors

Black is standard color. Other colors, including bi-colors, on request

Certifications

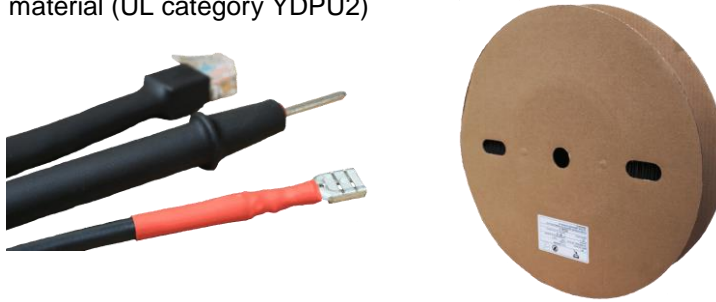
On request it is possible to supply UL approved material Category YDPU2

GTP-1 2:1 is conform to RoHS, Reach and Conflict Minerals standards

Notes:

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.

GTP-1 2:1 is an heat shrinkable polyolefin tubing. Widely used in the harness industry as an electrical and flame retardant protection. RoHS conform and Halogen free: its shrinking ratio is 2:1 and is particularly appreciated for the low shrinking temperature. On request it is possible to supply UL approved material (UL category YDPU2)


DIMENSIONS:

Diameter	After shrinking		Standard Packing mts
	Diameter mm.	Wall thickness	
1.2	0.6	0.33±0.05	400
1.6	0.8	0.36±0.05	400
2.4	1.2	0.44±0.05	400
3.2	1.6	0.44±0.05	400
3.8	1.9	0.44±0.05	400
4.0	2.0	0.44±0.05	400
4.8	2.4	0.44±0.08	200
6.4	3.2	0.56±0.08	200
7.0	3.5	0.56±0.08	200
9.5	4.8	0.56±0.08	100
12.7	6.4	0.56±0.08	100
16.0	8.0	0.69±0.08	100
19.0	9.5	0.77±0.15	100
25.4	12.7	0.89±0.15	50
29.0	14.5	0.89±0.15	50
32.0	16.0	0.89±0.15	50
38.1	19.0	1.00±0.15	50
50.8	25.4	1.00±0.15	50
76.2	38.1	1.30±0.20	25
100	50.8	1.46±0.20	25
120	60.0	1.56±0.20	25

Main Properties:

Properties	Result
Shrinking ratio	2:1
Min. shrinkage temperature	90°C
Continue operative temperature	-55°C +125°C
Longitudinal shrinking	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 Voltage withstand	IEC243	≥ 15 KV/mm
	UL224 60 sec. no breakdown	≥2500 Volt
Volume resistivity		≥10 ¹⁴ Ωcm
Heat Shock	UL224 158°C 168h	Nodripping /No cracking
Corrosion action	UL224 158°C 168h	Pass
Copper compatibility	UL224 158°C 168h	Pass

