

GTP1 - Heat Shrinkable Polyolefin Tubing

 E306293

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 E306293



Dimensions:

Diameter before shrinking	After shrinking		Standard packing
	Diameter mm.	Wall thickness	
1.2	0.6	0.33 ± 0.05	400 ± 2
1.6	0.8	0.36 ± 0.05	400 ± 2
2.4	1.2	0.44 ± 0.05	400 ± 2
3.2	1.6	0.44 ± 0.05	400 ± 2
4.8	2.4	0.44 ± 0.08	200 ± 2
6.4	3.2	0.56 ± 0.08	200 ± 1
9.5	4.8	0.56 ± 0.08	100 ± 1
12.7	6.4	0.56 ± 0.08	100 ± 1
16.0	8.0	0.69 ± 0.08	100 ± 1
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
76.2	38.1	1.30 ± 0.20	25 ± 0.5
100.0	50.8	1.46 ± 0.20	25 ± 0.5
120.0	60.0	1.56 ± 0.20	25 ± 0.5

General characteristics:

Properties	Values
Shrinking ratio	2:1
Min. shrinking 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	UL224 60 sec. no breakdown	≥ 2500 Volt
Volume resistivity		≥ 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.



UL Online Certifications Directory

YDPU2.E306293 Tubing, Extruded Insulating - Component

Tubing, Extruded Insulating - Component

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VIA ABITAZIONE 5/1
40050 MONTEVEGLIO, BO ITALY

E306293

Cat. No.	Max V	Max Oper Temp	Shrinkdown Class	Col Recognized	Max Temp Rated Oil Resistance * C	VW-1 Rated #
Heat shrinkable polyolefin tubing.						
GTP-1	600	125	—	Black	—	Yes

*Tubing is considered to comply with the optional oil resistant requirements only if it is so marked.
#Tubing is considered to comply with the optional VW-1 flammability requirements only if it is so marked.

Marking: Company name, catalog designation or equivalent and temperature rating in degrees C appears on tags attached to both ends of the tubing or on the shipping spool label or smallest unit container.

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