



UNI-HOME INDUSTRY CORPORATION

No.6, Lane 183, Jhongsing Road, Xizhi District, New Taipei City 221018, Taiwan

TEL: 886-2-2694-6628 FAX: 886-2-2694-7277

E-MAIL: silicone@uni-home.com.tw

G5 General purpose, flame retardant heat shrink tubing



Applications:

G5 is a polyolefin material heat shrinkable tubing that complies with current environmental regulations. It is widely used in industrial and commercial fields, such as outer insulation protection of wire splices, metal pipes, electronic components, and so on.

Characteristics

Shrink ratio: 2:1

Very flexible, high flame retardant

Resistant to common solvent liquid

Excellent physical, chemical and electrical

performance Compliance with RoHS

Operating temperature range

Continuous operating temperature: -55°C~125°C

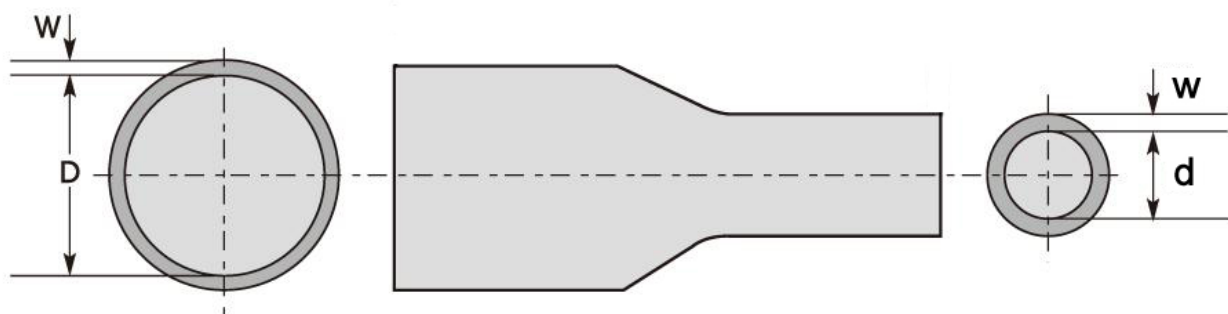
Minimum shrink temperature: 70°C

Full recovery temperature: Above 110°C

Approvals / Specifications



UL224 File no. E255532, 125°C VW-1 600V



Technical Data

Property	Specification Requirement	Test Method	Typical Value
Longitudinal change	-10%~10%	ASTM D2671	Pass
Tensile strength	$\geq 10.3\text{MPa}$	ASTM D2671	$\geq 11.3\text{MPa}$
Elongation at break	$\geq 200\%$	ASTM D2671	$\geq 400\%$
Tensile strength after aging	70% of initial value	ASTM D2671 (158°C/168 hrs)	$\geq 80\%$
Elongation at break after aging	$\geq 100\%$	ASTM D2671 (158°C/168 hrs)	$\geq 200\%$
Heat shock	No cracking	ASTM D2671 (200°C/4 hrs)	No cracking
Low temperature flexibility	No cracking	ASTM D2671 (-30°C/1 hr)	No cracking
Dielectric voltage withstand	AC2500V/60S No breakdown	ASTM D2671	No breakdown
Volume resistivity	$\geq 10^{14}\Omega \cdot \text{cm}$	ASTM D2671	$\geq 10^{14}\Omega \cdot \text{cm}$
Dielectric strength	$\geq 19.7\text{kV/mm}$	ASTM D2671	22 kV/mm
Flammability	VW-1	UL224	Pass

Standard colors: black, white, red, blue, yellow, and green (Other colors, special sizes, and cut pieces are available on request.)

35mm ~ 180mm (35mm included) is without printing on the tubing (blank tube).

