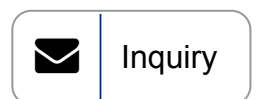




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Heat shrinkable Printable Tubing, Industrial Heat Shrink Tubes

Custom Printable Shrink Tubing, 3:1 Printable Heat Shrink Tubing Manufacturer





[Single Wall Heat Shrink Tubing \(1-1-single-wall-heat-shrink-tubing.html\)](#)

[Dual Wall Heat Shrink Tubing \(1-2-dual-wall-heat-shrink-tubing.html\)](#)

[Heavy Duty Heat Shrink Tubing \(1-3-heavy-duty-heat-shrink-tubing.html\)](#)

[Special Purpose Heat Shrink Tubing \(1-4-special-purpose-heat-shrink-tubing.html\)](#)

[Printable Heat Shrink Tubing \(1-5-printable-heat-shrink-tubing.html\)](#)

[Heat Shrink Busbar Tubing \(1-6-heat-shrink-busbar-tubing.html\)](#)

[Cold Shrink Tubing \(2-cold-shrink-tubing.html\)](#)

[Non Heat Shrink Tubing and Sleeve \(3-non-heat-shrink-tubing-and-sleeve.html\)](#)

[Cable Accessories \(4-cable-accessories.html\)](#)

[Heat Shrink Cable Accessories \(4-1-heat-shrink-cable-accessories.html\)](#)

[Cold Shrink Cable Accessories \(4-2-cold-shrink-cable-accessories.html\)](#)

[Wraparound Heat Shrink Cable Repair Sleeve \(4-3-wraparound-heat-shrink-cable-repair-sleeve.html\)](#)

[Home \(/\)](#) / [Products \(products.html\)](#)

[/ Heat Shrink Tubing \(1-heat-shrink-tubing.html\)](#)

[/ Printable Heat Shrink Tubing \(1-5-printable-heat-shrink-tubing.html\)](#)

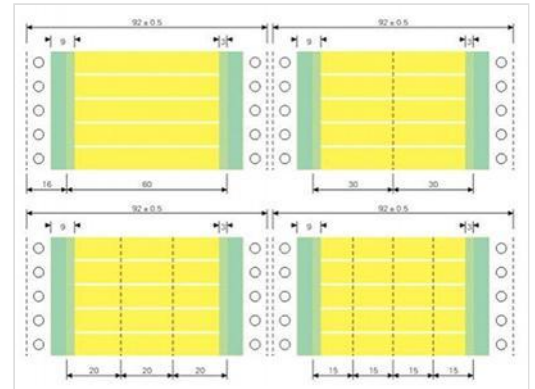
[/ Heat Shrink Wire Marker, Printable Heat Shrink Tubing](#)

Heat Shrink Wire Marker, Printable Heat Shrink Tubing

Model: CYG-MT



(products/1-5-1-3-1-printable-heat-shrink-tubing_01.jpg)



(products/1-5-1-3-1-printable-heat-shrink-tubing_02.jpg)

Material: Radiation-crosslinked modified polyolefin

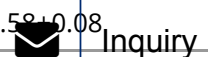
Shrink ratio: 3:1

Application

3:1 printable heat shrink tubing, with a product ID of CYG-MT, is designed to meet the high performance identification requirements for cables and equipment in a variety of manufacturing applications. Because the main material is a radiated cross linked modified polyolefin, it features an excellent abrasion and flame resistance, making it applicable for operation temperature ranges of - 55 °C to 135 °C for line identification in electrical equipment. The print performance of the material not only meets with SAE-AS-81531.4.6.2 and MIL-STD-202F standards, but is also inflammable and features an outstanding insulation performance. CYG's 3:1 heat shrink tubing can be double printed and maintains its excellent print performance, even after long term rubbing, or exposure to harsh solvents and oils.

Size

Size (Inch)	As supplied	After recovery	
	Inside diameter (mm)	Inside diameter (mm)	Wall thickness (mm)
3/32	2.4	0.8	0.53±0.08
1/8	3.2	1.07	0.58±0.08
3/16	4.8	1.6	0.58±0.08



Contact Us
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Tags

heat shrink tubing
marker sleeve

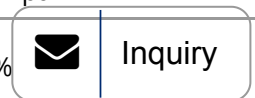
1/4	6.4	2.11	0.61±0.08
3/8	9.5	3.2	0.61±0.08
1/2	12.7	4.2	0.61±0.08
3/4	19.1	6.35	0.64±0.08
1	25.4	8.46	0.64±0.08
1-1/2	38.1	12.7	1.0±0.08
2	50.8	16.9	1.0±0.08

Specifications

Item	Test methods	Specifications
Tensile Strength	SAE-AMS-DTL-23053	≥10.3MPa
Ultimate Elongation Ratio	SAE-AMS-DTL-23053	≥200%
Flexibility	SAE-AMS-DTL-23053.4.6.7	-55°C±1°C, 4h, No cracking
Heat Shock	SAE-AMS-DTL-23053.4.6.8	250°C±3°C, 4h, No cracking, no dripping, no flowing
Aging Performance	SAE-AMS-DTL-23053.4.6.9	175°C±2°C, 168h, No visual damage
Tensile Strength After Aging	SAE-AMS-DTL-23053.4.6.13 and ASTM D638	≥6.9MPa, 23°C±2°C
Ultimate Elongation Ratio After Aging	SAE-AMS-DTL-23053.4.6.13 and ASTM D638	≥100%, 23°C±2°C
Color Stability	SAE-AMS-DTL-23053.4.6.15	175°C±2°C, 24h, Pass
Dielectric Strength	SAE-AMS-DTL-23053.4.6.13 and ASTM D2671	≥19.7kV/mm, 23°C±2°C
Volume Resistance	SAE-AMS-DTL-23053.4.6.13 and ASTM D876	≥1.0x10 ¹⁴ Ω·cm, 500V(DC), 60s
Flammability	UL224	Flame resistance
Fluid Resistance	AE-AMS-DTL-23053.4.6.11	No visual damage
Print Persistence	SAE-AS-81531.4.6.2	50 rubber erasure, identification
Print Solvent Resistance	MIL-STD-202G Method 215K	10 rubber erasure, identification

Specifications

Item	Test methods	Specifications
Physical performance		
Operation temp.		-55°C~135°C
Tensile strength (M Pa)	ASTM D2671	≥10.3Mpa
Ultimate elongation ratio (%)	ASTM D2671	≥200%





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Flexibility (-55°C, 4hrs)	ASTM D2671	No cracking
Heat shock at 250°C±3°C at 4hrs	ASTM D2671	No cracking, no dripping, no flowing
Electrical performance		
Dielectric strength	ASTM D2671	≥19.7kV/mm
Volume Resistance	ASTM D876	≥1014Ω·cm
Flammability	UL224	Flame resistance
Fluid resistance (23°C, 24hrs)	ASTM D2671	Print identified
After Aging at 175°C±2°C at 168hrs		
Tensile strength (MPa)	ASTM D2671	≥6.9Mpa
Ultimate elongation ratio (%)	ASTM D2671	≥100%
MIL-M-81531-4.6.2		20 rubber erasure, identification
Print performance		
UL 224,		50 Rubber erasure , identification
MIL-M-81531-4.6.2		50 Rubber erasure , identification
MIL-STD-202		30 Rubber erasure, identification

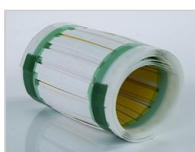
Features of 3:1 Printable Heat Shrink Tubing

1. The print material meets UL224 and halogen-free environmental standards.
2. Print performance meet AS23053/5 requirements.
3. Various product packaging methods to meet different customer requirements.
4. Can be printed with a standard dot matrix printer or heat transfer printer.
5. Readable with double-side printing
6. Product color can be customized, with standard colors of white and yellow
7. Great anti-pollution ability and print persistence.

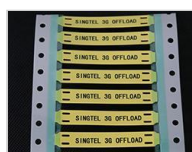
Printable Shrink Tubing



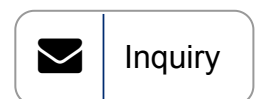
(1-5-1-3-1-printable-



(1-5-2-flame-retardant-printable-



(1-5-3-printable-cable-label-





(index.html)

[heat-shrink-tubing.html](#)

[Heat Shrink Wire Marker, Printable Heat Shrink Tubing \(1-5-1-3-1-printable-heat-shrink-tubing.html\)](#)

[heat-shrink-tubing.html](#)

[Heat Shrink Wire Marker, Flame Retardant Printable Heat Shrink Tubing \(1-5-2-flame-retardant-printable-heat-shrink-tubing.html\)](#)

[and-wire-marker.html](#)

[Cable Marker Tags \(1-5-3-printable-cable-label-and-wire-marker.html\)](#)

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