# Green/Yellow Striped Flame-Retardant Polyolefin Heat Shrink Tubing

# pro-**Power**

**RoHS** 

**Compliant** 



### **Applications**

Dual colour green and yellow striped polyolefin tubing primarily used to identify "ground" wires. It is flexible and flame-retardant with permanent colour properties, making it easy to install and identify. Used for light duty harnessing and ground wire identification.

### **Characteristics:**

- Operating temperature -55°C to +125°C
- Min. shrink temperature 70°C Full recovery temperature: 120°C
- Shrink Ratio 2:1
- Approvals: UL224 VW-1, CSA22.2 No.198.1

## **Technical Data:**

| Property   | Test Method   | Standard Value               |
|--|---------------|------------------------------|
| Tensile Strength                                       | GB/T1040      | 10.4 MPa (min)               |
| Ultimate Elongation (%)                                | GB/T1040      | 200 (min)                    |
| Longitudinal Shrinkage(%)                              | UL 224        | +/-5                         |
| Heat Aging Tensile Strength<br>Ultimate Elongation (%) | 158°C, 168hrs | 7.3 MPa (min.)<br>100 (min.) |
| Heat shock   | 250°C, 4hrs   | No cracking, No dripping     |
| Cold Bend  | -30°C, 1hrs   | No cracking                  |
| Flammability   | UL224 VW-1    | Pass                         |
| Dielectric Strength (kv/mm)                            | GB/T1408      | 15 (min.)                    |
| Volume Resistivity (Ω-cm)                              | GB/T1410      | 1×10 <sup>14</sup> (min.)    |
| Copper Stability                                       | UL224         | No corrosion                 |
| Anti Corrosion   | UL224         | No corrosion                 |

### **Product Dimensions:**

| Si   | ze   | As supplied                  | After Recovery                  |                              |
|------|------|------------------------------|---------------------------------|------------------------------|
| Inch | (mm) | Internal<br>diameter<br>(mm) | Internal<br>diameter<br>Max(mm) | Wall<br>thickness<br>Nom(mm) |
| 1/16 | 1.6  | 1.5±0.2                      | 0.65                            | 0.28                         |
| 3/32 | 2.4  | 2.5±0.2                      | 1                               | 0.35                         |
| 1/8  | 3.2  | 3.5±0.2                      | 1.5                             | 0.4                          |
| 3/16 | 4.8  | 5±0.2                        | 2.3                             | 0.5                          |
| 1/4  | 6.4  | 6.5±0.2                      | 3                               | 0.55                         |

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As supplied After Recovery Internal Internal Wall diameter diameter thickness (mm) Max(mm) Nom(mm) 9.5±0.3 4.5 0.6 12.5±0.3 6 0.6

0.8

0.9

1

1

9

12.5

20

25

### Part Number Table

Size

(mm)

9.5

12.7

19

25.4

38.1

50.8

19±0.5

26±0.5

41.5±1

≥50

Inch

3/8

1/2

3/4

1 1/2

2

| Description                                       | Reel Length | Part Number |
|---|-------------|-------------|
| Heatshrink Tubing Normal Wall 2:1 G/Yellow 1.6mm  | 100m        | 13710       |
| Heatshrink Tubing Normal Wall 2:1 G/Yellow 2.4mm  | 100m        | 13711       |
| Heatshrink Tubing Normal Wall 2:1 G/Yellow 3.2mm  | 100m        | 13712       |
| Heatshrink Tubing Normal Wall 2:1 G/Yellow 4.8mm  | 100m        | 13713       |
| Heatshrink Tubing Normal Wall 2:1 G/Yellow 6.4mm  | 100m        | 13714       |
| Heatshrink Tubing Normal Wall 2:1 G/Yellow 9.5mm  | 100m        | 13715       |
| Heatshrink Tubing Normal Wall 2:1 G/Yellow 12.7mm | 100m        | 13716       |
| Heatshrink Tubing Normal Wall 2:1 G/Yellow 19mm   | 100m        | 13717       |
| Heatshrink Tubing Normal Wall 2:1 G/Yellow 25.4mm | 50m         | 13718       |
| Heatshrink Tubing Normal Wall 2:1 G/Yellow 38.1mm | 50m         | 13719       |
| Heatshrink Tubing Normal Wall 2:1 G/Yellow 50.8mm | 25m         | 13720       |
| Heatshrink Tubing Normal Wall 2:1 G/Yellow 1.6mm  | 5m          | 15089       |
| Heatshrink Tubing Normal Wall 2:1 G/Yellow 2.4mm  | 5m          | 15090       |
| Heatshrink Tubing Normal Wall 2:1 G/Yellow 3.2mm  | 5m          | 15091       |
| Heatshrink Tubing Normal Wall 2:1 G/Yellow 4.8mm  | 5m          | 15092       |
| Heatshrink Tubing Normal Wall 2:1 G/Yellow 6.4mm  | 5m          | 15093       |
| Heatshrink Tubing Normal Wall 2:1 G/Yellow 9.5mm  | 5m          | 15094       |
| Heatshrink Tubing Normal Wall 2:1 G/Yellow 12.7mm | 5m          | 15095       |
| Heatshrink Tubing Normal Wall 2:1 G/Yellow 19mm   | 5m          | 15096       |
| Heatshrink Tubing Normal Wall 2:1 G/Yellow 25.4mm | 5m          | 15097       |
| Heatshrink Tubing Normal Wall 2:1 G/Yellow 38.1mm | 5m          | 15098       |
| Heatshrink Tubing Normal Wall 2:1 G/Yellow 50.8mm | 5m          | 15099       |

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