2:1 ULTRA CLEAR SHRINKflex SHRINKTUBING

**HEATSHRINK TUBING**
*Technical Data Sheet*

- Shrink Temperature 275°F (135°C)
- Ideal Finish For Cosmetic Applications
- Heat Resistance Up To 221°F (105°C)
- Excellent Oil, Moisture, And Fungus Resistance
- Easily Installs Over Connectors And Splices

| Nominal Size | Part # | Unshrunk Diameter /mm | Shrunk Diameter /mm | Put-Ups | | Available Colors | Lbs/ 100′ |
|---|---|---|---|---|---|---|---|
| | | | | Bulk Spool | Shop Spool | | |
| 1/16″ | H2P0.06 | 1.6 | 0.8 | 1,000' | 100' | 2 | 0.20 |
| 1/4″ | H2P0.25 | 6.4 | 3.2 | 250′ | 25′ | 2 | 0.60 |
| 5/16″ | H2P0.31 | 8.0 | 4.0 | 250′ | 25′ | 2 | 0.70 |
| 3/8″ | H2P0.38 | 9.5 | 4.8 | 250′ | 25′ | 2 | 0.80 |
| 1/2″ | H2P0.50 | 12.7 | 6.4 | 250′ | 25′ | 2 | 1.10 |
| 5/8″ | H2P0.63 | 15.9 | 7.9 | 250′ | 25′ | 2 | 1.16 |
| 3/4″ | H2P0.75 | 19.1 | 9.5 | 250′ | 25′ | 2 | 1.90 |
| 1″ | H2P1.00 | 25.4 | 12.7 | 250′ | 25′ | 2 | 3.00 |
| 1 1/2″ | H2P1.50 | 38.1 | 19.1 | 100′ | 25' | 2 | 5.30 |
| 2″ | H2P2.00 | 50.8 | 25.4 | 100′ | 25′ | 2 | 8.02 |
| 2 1/2″ | H2P2.50CL | 63.5 | 31.8 | 100′ | 25′ | Clear CL | 9.45 |
| 3″ | H2P3.00CL | 76.2 | 38.1 | 50′ | 25′ | Clear CL | 18.00 |

**Cut Cleanly**
**Scissor**

**Material**
**Polyvinyl Chloride**

**Grade**
**H2P**

## PVC 2:1 Heatshrink Tubing Shrinks To ½ its original diameter!

PVC tubing is a Polyvinyl Chloride heatshrink tubing that shrinks to ½ its original diameter. During the shrinking operation, the tubing will encapsulate any device inside of it at the time and will assume the contour of that device.

Ultra clear PVC heatshrink tubing is ideal for application where complete transparency is required. Perfect for protecting exposed wires and cables on motorcycles and custom automobiles.

Resists gasoline, oil, and common chemicals; provides protection from abrasion and severe environments.

**Perfect tubing for application where complete transparency is required.**

**Colors Available:**
Clear (CL) & Black (BK)


TECHFLEX
Braided Sleeving Products
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104 Demarest Road • Sparta, NJ 07871

VW-1

2:1 ULTRA CLEAR SHRINKflex® SHRINKTUBING

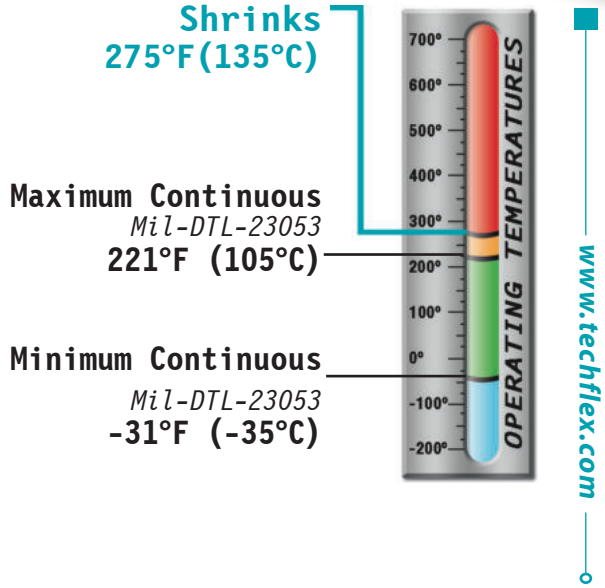
## FLAMMABILITY

Moisture Absorption % ASTM D-570 _____ 0.5

Flammability Rating _____ Self-Extinguishing VW-1

## CHEMICAL RESISTANCE

Corrosion MIL-I-23053 _____ No Corrosion






Measure the Shrinkflex® tubing to length and cut with a scissor. The thickness of your bundle, as well as the desired final appearance, will determine the length of the tubing you cut. Generally, a piece 1 1/2" - 2" long will accommodate almost any need. Single wires, or smaller bundles, require shorter pieces.

Slip the Shrinkflex® tubing over the bundle and position it so that both the sleeved and unsleeved portions are sufficiently covered. Notice the small pieces of tubing installed on single wires as part of a color coding system. If your project requires multiple operations, always work up from the smallest to the largest bundle.

Gently apply heat to Shrinkflex® tubing from a heat gun, hair dryer or torch with an appropriate attachment. Keep the heat source far enough away so that hot metal or direct flame does not come in contact with the tubing, wires or sleeving. Move the heat around the bundle to prevent damaging the sleeving and to ensure that all areas of the tubing have been shrunk. Once cooled, your installation is complete.

## PHYSICAL PROPERTIES

| | |
|---|---|
| Recommended Cutting | Scissors |
| Stock Colors | 2 |
| Tensile Strength PSI *ASTM D-638* | 3,000 |
| Elongation *% ASTM D-638* | 250 |
| Specific Gravity *ASTM D-792* | 1.25 |
| Deformation % (250°F/121°C, 1 Hr.) *MIL-I-23053* | 50 |
| Heat Shock (250°F/121°C, 1 Hr.) *MIL-I-23053* | No Cracking |
| Cold Bend (14°F/-10°C, 1 Hr.) *MIL-I-23053* | No Cracking |
| Flexibility *MIL-I-23053* | No Cracking |
| Secant Modulus *PSI ASTM D-882* | 19,500 |
| Longitudinal Change *% MIL-DTL-23053* | -15 |
| Dielectric Strength (volts/mil) *ASTM D-876* | 500 |
| Volume Resistivity (ohm-cm) *ASTM D-876* | $1.0 \times 10^{11}$ |