

How to Heat Your Heat Shrink Tubing; Effectively, Efficiently and Safely!

Heat shrink tubing comes in a variety of colors, sizes and materials, where the exact composition is dependent on the intended application. Heat shrink tubing is rated by its expansion ratio, a comparison of the differences in expansion and recovery rate. Heat shrink is used to insulate wires, repair the insulation on wires or bundle them together. Tubing is used in a variety of applications, including vehicle engines, homes, outdoor wiring, product branding, computer systems, and other electronic products.

It is important to realize that different heat sources will result in different heating times, and may cause rippling or burning in the heat shrink sleeve if not monitored carefully. If you need to shrink heat-shrink tubing on a regular basis, or have a lot of tubing to shrink, invest in a heat source that will do the job most effectively, efficiently and safely for your specific application. Eraser's patented **Glo-Ring®** and **Lux-Therm® Infrared Heat Tools** are perfect for the most complex applications.

Use this chart to find the right heat shrink production tool for your needs

	Glo-Ring® Infrared Heat	Lux-Therm® Infrared Heat	Butane Torch	Heat Gun	Hair Dryer	Candle	Match
Silent	X	X	X			X	X
Energy Efficient	X	X	X			X	X
Clean Room Safe	X	X					
Portable	X	X	X	X	X	X	X
Flameless	X	X		X	X		
Hands Free	X	X	X	X		X	
Concentrated Heat	X	X	X	X		X	X
360° Heat Distribution	X						
Controlled Heat	X	X	X	X			
Heat up to 500°F	X	X	X	X			X
Heat up to 1000°F	X						
Heat up to 1500°F	X						

Tips for Heating Heat Shrink Tubing

- Cutting the tubing to length is the first step. You want to always cut a bit more than needed as it will shrink lengthwise as well.
- Make sure the diameter you are using is correct for your application. Tubing is manufactured and stretched to a certain diameter. When heat is applied the tubing "shrinks" back to its original size. That size is usually stamped on the tubing or the package as a ratio. For instance, a 2:1 diameter means the tube will shrink to half the size of its current diameter. Common ratios include 2:1, 4:1, 5:1, and 6:1.

Where to Purchase Infrared Heating Equipment

- Hand-Held
- Bench Top
- Industrial
- Portable

Eraser High Quality Infrared Heat Tools

From the patented Glo-Ring® infrared heating technology to the ceramic heating units for industrial applications, Eraser offers a comprehensive line of heating equipment. All provide effective heating performance that is quick, quiet and energy efficient. These high quality tools will provide years of dependable service under the most intensive conditions.

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