

HellermannTyton

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Installation Instructions for Thin Wall Heatshrink Tubing

Always select the largest diameter tubing that will recover snugly onto the substrate, to ensure maximum recovered wall thickness and provide better protection for the substrate.

When recovering Hellermann thin wall tubing it is recommended that a hot air gun be used at a setting to give a temperature of between 230°C (446°F) and 250°C (482°F), when measured 25mm from the nozzle. If an oven is used, the maximum recommended shrink temperature is 180°C (356°F).

Higher recovery temperatures can be used, however the time required to fully recover the tubing will depend on the sensitivity of the substrate to heat.



Step 1

- Cut the tubing to the required length ensuring that the edges are clean cut without burrs.
- Position the tubing in the correct place on the substrate.
- Start to recover the tubing by applying heat evenly from end of the assembly.

Applied heat should be concentrated on the tubing if the substrate is sensitive to heat.



Step 2

- Continue to apply heat progressively along the length of tubing.
- Do not allow the end of the heat gun to touch the tubing, as this may cause splitting. Stop heating if the tubing shows signs of degradation.



Step 3

- Recover the remainder of the tubing. The recovered tubing should conform to the shape of the substrate.



Step 4

- The assembly can be moved once the tubing has cooled to ambient temperature.

Hellermann recommend the use of suitable protective wear when recovering heat shrinkable shapes i.e. insulating gloves and overalls.

Always recover tubing in a well-ventilated area, do not breathe in any fumes or vapours that may be produced.

Always allow installations to cool to ambient temperature to avoid skin burns.