

HUPshrink - HAUPA Heat shrinkable tubes

Shrinking tubes are plastic tubes that rapidly contract upon exposure to heat - mostly through the injection of hot air. The object is inserted into the tube prior to heating and is therefore electrically insulated against its environment and protected from mechanical damage.

Application:

Heat shrinkable tubes serve as insulation and mechanical protection. Areas of application are, for instance, the repairing of components in electrical engineering or the cutting of cables. The three main electronic and electrotechnical applications of the tubes are for sealing, insulation and protection.

Adhesive:

The HAUPA heat shrinkable tubes HUPshrink are available with or without an adhesive lining on the inside. The tubes with an adhesive lining allow for precise work, offer robust connections and very good protection against corrosion.

Shrink ratio:

The basic material (plastic) used and the thickness of the wall determine how much a shrinking tube can expand. The shrink ratio gives the size of the original heat shrink tube in relation to its shrunken, final form. (Original size to (:) Final size). The higher the shrink ratio, the greater the variation in diameter that can be covered.

Important electrical performance features:

- Dielectric strength 19 kV/mm
- Specific electrical resistance $1 \times 10^{14} \Omega/\text{cm}$

Notes for using:

- Cut the heat shrinkable tubes to desired length, this should be done on a smooth surface
- Conduct the shrinking on a clean, preferably dust and grease-free surface
- Start the shrink process unilaterally from one end of the tube
- Shrink temperature:
 - +70 °C - +115 °C (without adhesive lining) respectively
 - +80 °C - +115 °C (with adhesive lining)
- Optimum results when used with the matching Industrial hot air blower (Art. no. 262097 - see page 188).