

Yato | Code YT-81460 | Sku 1081460

HEAT SHRINK SOLDER SLEEVES SET 0.25-6MM² 220PCS



Overview

Set of transparent heat shrink solder sleeves YT-81460 with a ring of tin in the center and two rings of thermal glue on the sides, which additionally seal the connection. Suitable for wires of cross-section 0.25-6 mm² (24-10 AWG). Tube length: 27 - 40 mm. Tube internal diameter: 1.7 - 6 mm. Solder binder melting temperature: 105°C. Sheath shrink temperature: 80°C. Set of 220 pieces in organizer-type packaging. PE vs PVC and other differences: YATO brand tin heat shrink sleeves are made of polyethylene (PE), with the right amount of solder binder and hot glue rings. The advantages of PE sleeves over PVC sleeves are many, the most important being: higher shrink ratio — PE is 3 to 1, PVC is 2 to 1, so it wraps the cable better, or you can use a larger diameter sleeve, making it easier to slip it over the cable; maintaining flexibility even in sub-zero temperatures, whereas PVC stiffens in the cold and is prone to cracking; higher resistance to abrasion, punctures and chemicals. PE sleeves work well not only in domestic use, but also where atmospheric factors must be taken into account, such as sub-zero temperatures or the need to work in a heated environment (such as in a car under a hot body, or close to the engine). The amount of solder binder in YATO brand tin heat shrink sleeves makes it possible to create a proper solder joint. The tin flows between the wires and makes the connection strong and correct. Cheaper sleeves use a minimal amount of tin, which, especially with larger cross sections, may not be enough for long-lasting and trouble-free operation. The last important element is the sealing adhesive. YATO sleeves use a specially molded, well-known and proven hot glue. When it sets, it retains a certain degree of elasticity and does not crumble over time. Some inexpensive sleeves use EVA plastic, which when heated actually seals and encapsulates the joint. However, over time, especially in areas exposed to the elements, the material crumbles and degrades.

Key Technical Specifications

Brand	Yato
Color	white (x40), red (x80), blue (x80), yellow (x20)
Length	27, 40 mm

Symbol	YT-81460
Application	for the permanent and waterproof connection of electrical cables
Melting point	105 C
Producer code	5906083079665
Shrink material	EP
Solder material	tin
Internal diameter	1.7, 2.7, 4.5, 6 mm
Cross-sectional area	0.25-6 mm ² / 24~10 AWG
Shrink melting temperature	80 C

Key Points

- Suitable for wires of cross-section 0.25-6 mm² (24-10 AWG)
- Tube length: 27 - 40 mm
- Tube internal diameter: 1.7 - 6 mm
- Solder binder melting temperature: 105°C
- Sheath shrink temperature: 80°C
- Set of 220 pieces
- Organizer-type packaging
- Made of polyethylene (PE) with tin solder binder and hot glue sealing rings
- Higher shrink ratio (3:1) for a better fit around the cable
- Maintains flexibility even in sub-zero temperatures
- Higher resistance to abrasion, punctures and chemicals
- For permanent and waterproof connection of electrical cables