

# Technical Information Sheet



## FDT heat-shrink hose

| Delivery form                                    | Item Number |
|--------------------------------------------------|-------------|
| 1 piece of heat-shrink hose, 22 mm to 6 mm, 1m   | 14 41 000   |
| 1 piece of heat-shrink hose, 55 mm to 15 mm, 1m  | 14 41 010   |
| 1 piece of heat-shrink hose, 105 mm to 26 mm, 1m | 14 41 020   |

## Description

This heat-shrink hose is a thick-walled, halogen-free heat-shrink tube made from modified, radiation-crosslinked polyolefin. It has an adhesive coating on the inner wall for better sealing. The extremely age-resistant heat-shrink hose is UV-resistant and resistant to many chemical influences. Its shrinkage rate is four to one and it can be used in a temperature range from -55 °C to +130 °C.

## Preparation

Clean the installation area.

## Application and processing

Heat-shrink hose can be used to create a watertight connection between collar and enclosed penetrations (e.g. fall protection systems, handrails, pipes, etc.), as well as to extend the connection height at the same time.

It is advisable to start shrinking the hose (hand welder) from the middle and then work towards both ends, as this prevents air from becoming trapped beneath the hose. Gas torches are recommended for thick-walled shrink hoses.

All heat-shrinkable hoses shortens both lengthwise and crosswise during shrinking. Alternatively, you can start the shrinkage from one end.

If the heat-shrink hose is to be shrunk onto metal or another heat-conducting material, care must be taken to ensure that the material is preheated so that the heat-shrink hose adheres more easily to the surface of the material. The surface should be free of grease and roughened.

If the heat-shrink tubing is to be shortened or cut, ensure that the cutting tools are sharp and do not have any nicks in the cutting tool. Any tears in the heat-shrink hose prior to the shrinking process may cause the tubing to tear during the shrinking process.

## Properties

| Technical data                 | Declared value |
|--------------------------------|----------------|
| Material                       | Polyolefin     |
| Shrinkage ratio                | approx. 4:1    |
| Shrink temperature             | minimum 135 °C |
| Length                         | 1,000 mm       |
| Inner-Ø before/after shrinking | 22 mm / 6 mm   |
| Inner-Ø before/after shrinking | 55 mm / 15 mm  |
| Inner-Ø before/after shrinking | 105 mm / 26 mm |

## Consumption

The quantity required depends on the length and diameter of the penetrations to be sealed.

## Storage

Keep dry in its original packaging.

## Shelf life

Unlimited, provided it is stored correctly.

## Packaging and disposal

Waste code: 17 02 03 (plastics)

## Precautions and occupational safety

General safety regulations must be observed.

## Transport

General safety regulations must be observed.

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