Davinia
naturally divine

euro ducting

Reusable
Thermo-Flex - Sleeves
Pipe and Hose Insulation
Premium Quality

Environment-Friendly

Disadvantages of uninsulated hoses:

- High heat loss
- High energy loss
- UV problem
- Cost-intensive
- Not #ameproof
- Hour
- No color options
- Soiling
- No rodent protection
- High noise
- Not conductive

Benefits of hose insulating:

- Minimal heat loss
- Minimal cold loss
- Energy saving
- UV and ozone protection
- Cost savings
- Fire-resistant up to one hour
- Colorful
- Protection against soiling
- Rodent protection
- Noise-reducing
- Conductive versions
- Loops for hanging up

Davinia - Insulation Sleeves and Covers - **tel. 0048 603 114 634, email: oliver@euroducting.com, marzena@daviniastore.com**; address: Jutrzenki 177, 02-231 Warsaw.

Thermo-Flex sleeves - reliable protection for your pipes and hoses

Protect your systems effectively with the innovative **ThermoFlex sleeves.** These high-quality insulation solutions offer optimum heat and cold protection, to minimize heat loss and prevent cold spots. They combine safety, efficiency and durability - perfect for demanding industrial applications. An additional side effect is noise reduction.

Materials:

- Special Elastomer 600 gram Special Elastomer polyester fabric, abrasion-resistant, electrically conductive Ro ≤ 10^6 Ω
- Polyurethane polyester fabric (light and heavy), flame-retardant and antistatic
- Glass fabric (stainless steel reinforced up to 650 degrees) flame-retardant, antistatic, rodent protection
- Special fabric up to 1000 degrees, flame-retardant and fireproof up to 1 hour

Technical properties:

- **Thermal conductivity (λ):** 0.035 W/m-K at 10°C, 0.038 W/m-K at 40°C
- **Standard:** DIN EN ISO 8497:1996-09
- **UV and ozone** resistant, hydrolysis resistant

Production options:

- **Production diameter:** from 8 mm to 1000 mm
- **Lengths:** from less than one meter up to 50 meters, individually adaptable
- **Other designs for:** Flanges / elbows / elbows / T-pieces / bends etc.
- **Options:** with zipper and Velcro fastener, rodent protection, spark-resistant, with trace heating, abrasion-resistant, antistatic version, versions for explosion-protected areas, flame-retardant in accordance with DIN 4102-B1, PTFE coating against external chemical influences, electrically conductive Ro ≤ 10^4 Ω or Ro ≤ 10^6 Ω Special requests on request.
- **Insulation material:** polyester wool, PE foam, polyester film silver, needle felt and silicate needle felt
- **Color options:** blue, black, orange, grey, red, white, yellow, natural green, sand and other colors on request
- In your own label

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ThermoFlex sleeves offer numerous advantages over conventional insulation methods such as self-adhesive insulating tapes. Here is an overview of some of the advantages:

1. Reusability:

In contrast to self-adhesive insulating tapes, which can often only be used once, the thermal sleeves are reusable. This means that they can be easily removed and reapplied if necessary, which is both cost-efficient and sustainable.

2. Easy cleaning:

The sleeves are easy to clean so that they can be kept in pristine condition. This is particularly beneficial in environments where hygiene and cleanliness are important.

3. Environmentally friendly:

The reusability and ability to clean the cuffs means that you actively contribute to reducing waste - in comparison to self-adhesive insulating tapes, which often have to be disposed of after a single use.

If you have special requirements or would like a customized solution, we will be happy to advise you!

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The Thermo-Flex sleeves are available in three versions:

1. From - 30 degrees to + 100 degrees Celsius: made from robust Special Elastomer, these sleeves provide excellent insulation for applications up to 100 degrees.

2. From - 45 degrees to +145 degrees Celsius: This variant is made of special Special Elastomer free fabric, which is designed for higher temperatures and offers additional flexibility and durability.

3. From - 200 to +1000 degrees Celsius: These versions are made of special fabrics, which are designed for extreme temperature conditions and ensure maximum protection and insulation.

Type overview

up to 100 degrees

ThermoFlex cuffs type: TF 100

ThermoFlex cuffs type: TF 100 A

ThermoFlex cuffs type: TF 100 EL (electrically conductive)

ThermoFlex cuffs type: TF 100 C

up to 145 degrees

ThermoFlex cuffs type: TF 145

ThermoFlex cuffs type: TF 145 A

ThermoFlex cuffs type: TF 145 EL (electrically conductive)

ThermoFlex cuffs type: TF 145 C

up to 1000 degrees

ThermoFlex cuffs type: TF Special

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