ISOPIPE®
COVERINGS

The Revolution in Insulation Protection!

Integrated Insulation Systems

www.isopipe.eu

SOLAR

SOLAR COVERING is a special polymer external protection membrane, offering resistance to ultra violet radiation and other atmospheric agents.

Available in Silver, Black & White Colour.

Exterior Use

SOLAR Benefits & Properties

- Protection against harsh weather and UV radiation.
- Oil and grease resistant.
- Protective film with high temperature resistance up to 80°C.
- **Silver colour SOLAR Covering** contains a small quantity of aluminum.
- No need to tape, paint or cover and easily cleaned with a standard cloth.
- Attractive appearance & professional result

Permeability: Increased resistance to water vapour transmission.

SOLAR Protection: Its external surface may not exhibit aesthetic defects for at least several years after prolonged exposure to UV radiation.

Flexibility: Continuous long term performance.

Temp. Range on Surface of Covering: -40°C to +80°C

Lifespan (est.): +5 years

Warranty: 3 years

SOLAR TWIN

Now available in a new design offering quick, easy and trouble free application!

The connection of the tubes is performed with a special protective film, which allow easy separation at the desired length.

Exterior Use

SOLAR TWIN Benefits & Properties

- High temperature elastomeric insulation provided in two connected tubes.
- Cost efficient.
- Easy to transport and install.
- UV covering offers resistance to high temperatures.
- Excellent heat insulation.
- Specifically designed to minimize heat loss, assures resistance to chemicals & atmospheric agents.
- Easy to seperate pipes when needed.

Permeability: Increased resistance to water vapour transmisison.

SOLAR Protection: Its external surface may not exhibit aesthetic defects for at least several years after prolonged exposure to UV radiation.

Flexibility: Continuous long term performance.

Temp. Range on Surface of Covering: -40°C to +80°C

Lifespan (est.): +5 years

Warranty: 3 years

A wide range of Applications

Available in Insulation of: **ISOPIPE TC** (+110°C) or **ISOPIPE HT-HF** (+175°C).
For more information please refer to ISOPIPE TC, ISOPIPE HT-HF & ISOSOL Pre insulated Pipes Brochures.

UV PLUS

UV PLUS COVERING is an aluminum external protection covering composed of three layers of polyester, aluminum and polyethylene, which provides resistance both to ultra violet radiation and other atmospheric agents.

UV PLUS Benefits & Properties

- High UV protection with reflective properties.
- The external covering reduces the risk of under insulation corrosion.
- Fire will not spread through its protection.
- Fast and easy installation.
- Chemicals and oil resistant.
- No need to tape, paint or cover.
- Easy to clean and maintain. It can be cleaned with a standard cloth.
- Smooth and shiny appearance.

Exterior Use

Thickness: 99 µm

Weight: 125 g/m²

Permeability: Increased water vapour diffusion resistance (µ) by more than 100%.

Flexibility: Continuous long term performance.

Temp. Range on Surface of Covering: -40ºC to +100ºC

Lifespan (est.): +10 years

Warranty: 5 years

HP

Hygienic Protection (HP) is an aluminum special covering for hygienic and internal applications, composed of five layers. **HP Covering** is mainly used for duct wrap in HVAC systems and other fields, having excellent water vapour diffusion resistance and flame-retardant properties.

HP Benefits and Properties

- High resistance to mechanical stress.
- Reduces the risk of under insulation corrosion.
- Fire will not spread through its protection.
- Fast and easy installation.
- No need to tape, paint or cover.
- Easy to clean and maintain. It can be cleaned with a standard cloth.
- Smooth and shiny appearance.

Interior Use

Thickness: 60 µm

Weight: 154 g/m²

Permeability: Increased water vapour diffusion resistance (µ) by more than 100%.

Flexibility: Continuous long term performance.

Temp. Range on Surface of Covering: -35ºC to +120ºC

Lifespan (est.): +6 years

Warranty: 5 years

Pipes | System | Sheets | Rolls

A wide range of Applications

Heating | Plumbing | Air Conditioning | Refrigeration | Solar Energy | Steam

Available in Insulation of: **ISOPIPE TC** (+110ºC).
For more information please refer to ISOPIPE TC Brochure.

ISOPIPE COVERINGS

HEAVY DUTY

HEAVY DUTY (HD) COVERING is a superior reinforced external aluminum protection covering, offering high resistance against mechanical damage, ultra violet radiation, leakages and pipe corrosion. The **HEAVY DUTY COVERING** consists of three layers of Polyester, Aluminum and Fire Resistant (FR) PVC.

HEAVY DUTY Benefits & Properties

- Excellent long term UV protection with extra reflective properties.
- Reduces the risk of under insulation corrosion.
- It is fire retardant (FR).
- Excellent water vapour barrier.
- Well protected against scratches and mechanical stress.
- Fast and easy installation.
- Easy to clean and maintain. It can be cleaned with a standard cloth.
- Smooth and shiny appearance.

Thickness: 230 μm

Weight: 340 g/m²

Permeability: Increased water vapour diffusion resistance (μ) by more than 10 times.

Flexibility: Continuous long term performance.

Temp. Range on Surface of Covering: -25°C to +75°C

Lifespan (est.): +15 years

Warranty: 7 years

Cover Puncture: Very high puncture and wear resistance. Fire will not spread through.

Ø 0.8 mm = 23 N
Ø 2.0 mm = 87 N

A wide range of Applications

Available in Insulation of: **ISOPIPE TC** (+110°C) or **ISOPIPE HT-HF** (+175°C).
For more information please refer to ISOPIPE TC & ISOPIPE HT-HF Brochures.

Installations

ACCESSORIES

ISOTAPE - Self adhesive insulation tape

- Highly effective and strong adhesive tape which is used for insulating difficult areas or gaps between insulation.
- Fast and easy installation.
- Closed cell structure with antimicrobial protection.
- Moisture and mold resistant.
- Available in length of 10 m, 15 m & 30 m and in width of 50 mm.

ISOCOVER - Self adhesive

- Highly effective and strong adhesive cover in 1 meter width.
- Ideal for confined or restricted working areas and for already installed pipe systems, where insulation cannot be threaded and must be clamped around existing pipes.
- Available in UV Plus and HD.
- Available in length of 10 m & 25 m and in width of 1 m.

ISOTAPE - Self adhesive, SOLAR Polymer

- Strong and durable tape, suitable for protection and insulation joints.
- Solar energy resistant due to UV Protection.
- Fast and easy installation due to the large width.
- Long lifetime.
- Available in Silver, Black and White colour.
- Available in length of 10 m, 25 m & 33 m and in width of 50 mm.

Jacketing Systems for Insulation

- Made of multilayer-foil, PVC, galvanized steel, aluminum and stainless steel.
- Suitable for industrial premises and outdoor use.
- Fast and easy installation.
- Increased resistance to mechanical stress.
- Long lifetime.
- Available in Aluminum, Black and White colour.

ISOGLUE

- Fully compatible glue for joining ISOPIPE insulation.
- Achieving strong and homogeneous rubber bonding.
- ISOGLUE HT 150 is Toluene Free.
- Temperature Range up to 150°C.
- ISOGLUE is available in: 250 ml, 500 ml & 1000 ml.

ISOCLAMPS

- Allow the tube to contract and expand.
- Prevent electrolysis between pipe and clamp.
- Create thermal insulation in holding points.
- ISOCLAMPS are available with Metal Clamp. The metal clamps are M8 - M10.

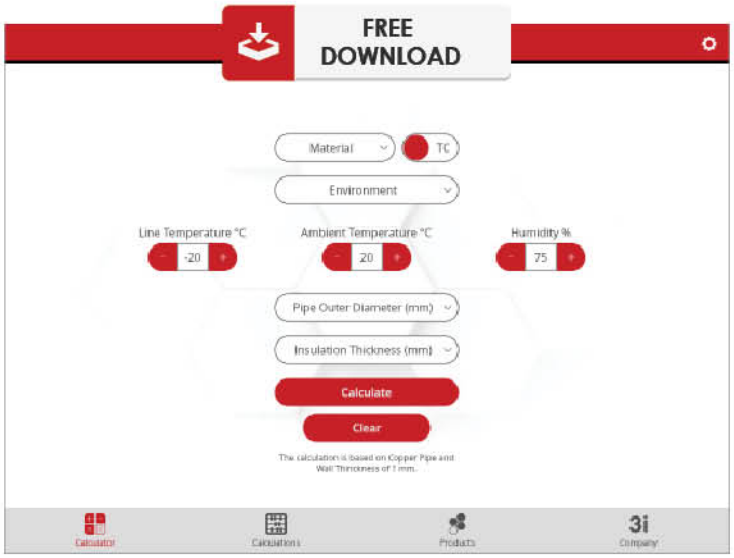
For additional technical information on ISOPIPE Accessories kindly request Safety Data Sheet (SDS) and Technical Data Sheet (TDS).

New User Friendly App for Tablet & Mobile Devices

ISOPIPE® Insulation Calculator

ISOPIPE Insulation Calculator has been developed to offer exact measurements for Certified Insulation, **NBR** and **EPDM** based.

Through the Program's Calculations the user receives many recommendations, but also the techno-economic choice towards energy savings.



ISOPIPE Insulation Calculator Highlights:

- ✓ The app **works Offline**, online use while sending the PDF file
- ✓ **Save** the **Calculation** inside the Program
- ✓ More than **2000** Calculations can be Saved and seen any time
- ✓ **Send** the Calculation in any **Email** address in PDF form
- ✓ **Send** Multiple Saved Calculations in a **Single PDF** file
- ✓ **Translated** in **8 languages**
- ✓ **Download** it for **free** in *Apple Store* & *Google Play Store*

GET IT ON Google Play

Download on the App Store

Company's Profile

ISOPIPE S.A. is a leader in the field of insulation and heating. Its industrial unit is one of three worldwide specializing in vertical production of elastomeric insulation.

ISOPIPE S.A. was founded in 1997. In 2008 the company completed a large investment by obtaining the know-how of TORRENT, the Greek market leader in cast iron boilers. In 2009, the company expanded with the establishment of its subsidiary Iberica sl in Barcelona, Spain.

ISOPIPE S.A. factory is located 73km north of Athens, with a covered area of 60,000 m² and buildings of 30,000 m².

Our quality system is EN ISO 9001:2015 certified, while our production program, as well as the quality and properties of all our ISOPIPE products, are based on EN 14304.
Please, watch our video for more information.

ISOPIPE® S.A. **Rebuild the future!** **www.isopipe.eu**

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For all technical specifications on ISOPIPE products, please refer to the ISOPIPE Catalogue and Installation Guide.