



The recent energy crisis, as well as the current tendency to protect the environment and resource savings, make the insulation of pipes of heating and DHW supply systems indispensable in all applications.

In addition to the obvious respect for the environment, the pipes' insulation could bring **significant saving benefits**, given that with the appropriate layer on hot/cold pipes and tanks/containers can **eliminate over 80% of heat waste**.

**ISOPIPE S.A.** was founded in 1997 and specializes in the vertical production of the widely used closed cell synthetic rubber insulation under the trademark **ISOPIPE**.

Environmental Product Declaration (EPD), together with Life Cycle Assessment which frames it, can **reduce carbon emissions** and other environmental impacts, giving the chance to compare with different materials and products in order to choose the most sustainable solution.

**ISOPIPE** products are designed and produced in respect of the environment, by applying processes based on energy savings. As a result, our products are environmental and human friendly, based on the relevant certifications **EN ISO 14001:2015** and **EPD EN 15804 & ISO 14025**. The company possess in total 6 certifications regarding environmental sustainability.

**ISOPIPE** products, contribute significantly to the worldwide energy saving effort, by offering:

- Great energy savings due to our low thermal conductivity and low Carbon Dioxide (CO<sub>2</sub>) emissions
- Zero Ozone Depletion Potential (ODP) since our products are CFC, HFC & HCFC free
- Minimum contribution to global temperature rise, due to the greenhouse effect
- Safety and health for humans and environment

**ISOPIPE TC** is an **NBR** based flexible elastomeric foam insulation with a significantly high percentage of 98,5% of closed cells which provide an outstanding thermal efficiency and condensation resistance.

**ISOPIPE TC** insulation systems are manufactured with all due **respect to human health and environment** and they are certified

with **Antimicrobial and Antifungal Protection**, according to the certifications ASTM E2180 and ASTM G21.

In order to apply against Harsh Weather & UV Radiation, there is available in **SOLAR** covering, a special polymer external protection membrane, offering resistance to ultra violet radiation and other atmospheric agents or **SOLAR SG**, with corrugated external Protection Covering with high temperature resistance up to 80°C and easily cleaned with a standard cloth.

**ISOPIPE TC** is available in a wide range of sizes and forms making application easier, such as:

- Pre-slit pipe with self-adhesive tape for easy fit in already existing pipes.
- Rolls with and without self-adhesives for big pipe or surfaces diameters.
- Custom width sheet to cover pipes of large surfaces.
- **ISOCOIL** - in the form of coil, in a continuous length up to 76 meters for use in large installations. No scrap produced & less labor time needed.

Significant time & money savings can be achieved by using pre-insulated polyethylene pipes for liquid supplies, as well as the twin pre-insulated stainless tube for solar systems **ISOSOL TWIN**.

More specifically, **ISOSOL TWIN** offers:

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- Time saving during installation
  - Less requirement for accessories (glue, tools, etc.) as it is ready and precisely manufactured for direct application
  - Easy-handling due to its light, flexible and durable form
  - Marked in meter intervals, enabling the technician to cut and use the exact amount of the material needed
  - Compliance with all strict international standards for environmentally sustainable installations