

Seamless pipes for civil and industrial installations



Piombino coating center

Products

- Tubi Dalmine Thermo®
- Tubi Dalmine Thermo® - Plus (FBE)
- Galvanized pipes
- Tubi Dalmine Thermo® Sun (Polystyrene)
- Tubi Dalmine Thermo® - Max (Hot-dip galvanizing plus -Epoxy powder coating)
- Three Layer Polyethylene (3LPE)

Dimensional range

- 21.3 – 711 mm

Production capacity

- 100,000 tons

Applications

- Fire fighting systems
- Compressed air transport
- Water transport
- Gas transport
- Cooling systems
- Heating systems
- HVAC systems

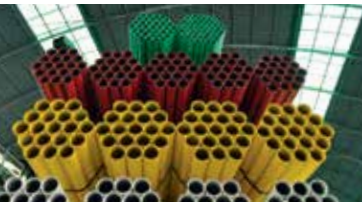
Certifications

- ISO 9001:2015 Quality Management System
- ISO 14001:2015 Environmental Management System
- ISO 45001:2018 Health & Safety Management System
- ISO 50001:2018 Energy Management System
- EPD (Environmental Product Declaration)
- FDES (Fiche Déclaration Environnementale et Sanitaire)
- UL Listed
- DWGW

Highlights

- High quality and full range
- Fast and flexible service thanks to the availability of finished and semi-finished pipe stock
- Prefabrication
- Packing
- BIM Building Information Modeling

Products



Dalmine Thermo® pipes

Coating is applied by fusing epoxy powder to the surface of the shotblasted pipe, preheated at about 200-220°C.

- Coating with a minimum thickness of 50 microns
- Working temperature of coated pipes -10/+110°C
- Excellent adhesion properties and resistance to abrasion



Dalmine Thermo® – Plus pipes (FBE)

Thermosetting resin applied as powder with thickness that can reach up to 500 microns.

- Excellent bond to the sub-layer
- Exceptional resistance to chemical agents at both low and high temperature



Galvanized pipes

Application of a layer of 99.995% pure electrolytic zinc (55-80 microns), on both inner and external pipe surface to protect the pipe against rust.

- "Lead-free Galvanizing" technology
- Durable coating, with high mechanical resistance and combined physical and electro-chemical protection



Dalmine Thermo® Sun

Dalmine Thermo® Sun Pipes (Polystyrene)
Polystyrene coating designed to ensure protection and long-lasting performance in installations exposed to atmospheric agents.

- Excellent UV resistance
- Prevention of surface degradation and material embrittlement over time
- Reduced maintenance costs
- Uniform, lightweight, and stable protective barrier



Pipes with polyethylene coating (3LPE)

Triple and double-layer polyethylene coating, in black and yellow compound.

- High resistance against liquid, gas and chemical product corrosion
- Longer durability of pipes
- High insulation over time
- High mechanical resistance in impact and hardness tests

Services

Prefabrication

Thanks to its advanced prefabrication activities, including cutting to size, grooving, in-line and off-axis drilling and threading, Tenaris ensures customized products that are ready for assembly, in full compliance with project specifications.

- Reduced design and installation time, resulting in lower costs
- Enhanced safety and efficiency during installation



To learn more

• Anti-corrosion treatments

Tenaris mill in Piombino is able to guarantee a series of pipe coating treatments according to the most stringent international standards (ISO, EN, ASTM, DWG, DIN).

Through extrusion, electrostatic application and hot-dip galvanizing, we prevent rust and improve pipe mechanical resistance properties.

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