



MECHANICAL SOLUTIONS

REFERENCE GUIDE

FIBERGLAS™ | FOAMGLAS® | THERMAFIBER® | FOAMULAR®

OWENS CORNING

YOUR TRUSTED RESOURCE FOR MECHANICAL SOLUTIONS

Owens Corning delivers high-performance insulation solutions through a full line of fiberglass, cellular glass, XPS, and mineral wool products suitable for commercial and industrial applications.

FIBERGLASS



SSL II® with ASJ Max Fiberglass™ Pipe Insulation

With the SSL II® double adhesive closure system providing a superior seal and ASJ Max polymer jacket resisting mold and mildew growth¹, Owens Corning® Fiberglass™ Pipe Insulation is tailored to fit and tailored to perform for any application. FlexCore Technology compresses over copper and some small-bore iron pipes and fittings, saving time by eliminating the need to fillet. RigidCore Technology provides fast and easy fabrication on larger pipes. Used to insulate pipes with operating temperatures between 0°F (-18°C) and 1,000°F (538°C) (with heat-up schedule). Also available in No-Wrap and metric sizes.

1. ASJ Max jacket does not support mold growth as tested in accordance with ASTM C1338.



Fiberglass™ Pipe and Tank Insulation

Provides thermal protection for a variety of objects and shapes. Fits pipes and equipment of 10" NPS and larger.



Fiberglass™ TIW Insulation

Noncombustible insulation made from inorganic glass fibers bonded with a thermosetting resin. Available in a batt or roll for use in a variety of commercial and industrial applications with operating temperatures up to 1,000°F (538°C).



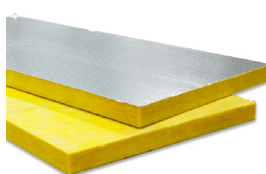
Fiberglass™ Flexwrap® Insulation

Provides a continuous blanket backed with an ASJ or FRK facing for round or irregularly shaped surfaces in indoor settings.



Fiberglass™ Insul-Quick® Insulation

Lightweight, semi-rigid board is a great option where an outside facing of metal or metal mesh with a finishing cement is required. Can be used with operating temperatures up to 850°F (454°C).



Fiberglass™ 700 Series Insulation

Made of inorganic glass fibers with a thermosetting resin binder and formed into semi-rigid or rigid rectangular boards. Types 703 and 705 are available with a factory-applied FRK or ASJ Max vapor retarder facing. Types 706 and 707 come with a smooth surface to accommodate acoustical wall panels and specialized ceiling applications.



Fiberglass™ SCR Insulation

Designed specifically for use on selective catalytic reduction (SCR) units in power plants or other industrial equipment with operating temperatures up to 1,000°F (538°C).



Fiberglas™ UtiliCore® Insulation

Flexible white blankets designed for high temperature commercial and industrial applications. The pliable, lightweight insulation offers outstanding thermal performance, making it an excellent choice as core insulation for removable and reusable industrial pipe covers, and other industrial pads and blankets. L Series products are low-binder blankets, while HP5 II Mat is a needled blanket with no binder.



SOFTR® Duct Wrap FRK

Fiberglas™ blanket with a factory-applied, vapor-retarder facing, and a 2" stapling/taping flange along one edge. Use to insulate the exterior of commercial or residential ductwork with operating temperatures from 40°F (4°C) to 250°F (121°C).

CELLULAR GLASS

FOAMGLAS® cellular glass insulation is a light weight, rigid material composed of millions of hermetically sealed glass cells. It is manufactured in block form and then fabricated into a wide range of shapes and sizes for use on a wide variety of commercial and industrial applications. FOAMGLAS® insulation is trusted by leading corporations worldwide to help protect their people and mission-critical process equipment.

Systems

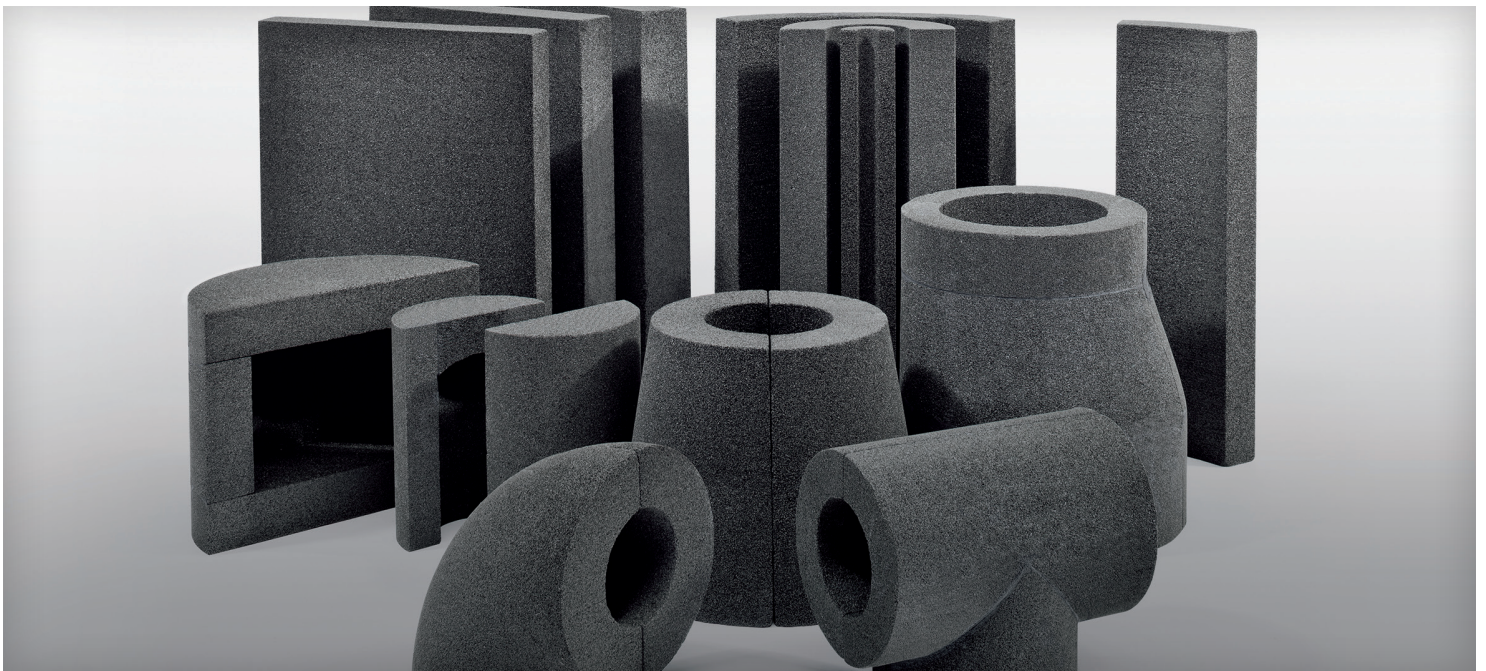
FOAMGLAS® insulation provides the precise properties and performance for your specific applications, from -450°F (-268°C) to +900°F (+482°C). We also offer a full line of complementary accessory products, service-proven to provide maximum performance as part of FOAMGLAS® cellular glass Insulation systems.

Insulation Applications

FOAMGLAS® Insulations' all-glass closed-cell structure provides physical properties ideal for pipes, tanks, vessels and spheres in a range of temperatures – cold/cryogenic, above ambient and hot. Our unique insulation products and systems provide superior protection and energy conservation in a wide range of industrial and commercial applications including HVAC systems, power, process piping and equipment, and oil and gas storage tanks.

Insulation Properties

- 100% Moisture Impermeable
- Constant Thermal Efficiency
- Resistant to Fire – Will Not Smoke
- Will Not Burn
- Superior Compressive Strength
- Mold and Mildew Resistant
- Dimensionally Stable



MINERAL WOOL



Thermafiber® Industrial Board

Thermafiber® Industrial Board is an economical, rigid, mineral fiber board insulation that offers excellent thermal and acoustical performance in both hot and cold applications, is suitable for temperatures up to 1200°F (650°C), and can be used for insulating boilers, furnaces, vessels, tanks, and precipitators.



Thermafiber® Fabrication Board

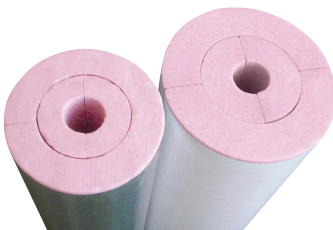
Thermafiber® Industrial Fabrication Board is an economical, rigid, mineral fiber board insulation used for fabrication of v-groove, fittings, and precision cut pipe. Thermafiber® Industrial Fabrication Board offers excellent thermal and acoustical performance in both hot and cold applications and is suitable for temperatures up to 1200°F (650°C).



Thermafiber® Pro Section WR

Thermafiber® Pro Section WR, made with Paroc® technology, is a water repellent mineral wool pipe insulation engineered to meet the toughest industrial specifications and conditions. It is capable of withstanding high temperatures, conserving energy, and reducing noise. Thermafiber® Pro Section WR is designed for use on high temperature pipework in process industries and fire resistant applications.

EXTRUDED POLYSTYRENE (XPS)



FOAMULAR® XPS Pipe Fab Billets

The unique closed-cell structure of FOAMULAR® XPS Insulation makes it extremely resistant to moisture and high in insulating capability. FOAMULAR® Extruded Polystyrene (XPS) Fabrication Billets are manufactured from rigid sheets of foam. FOAMULAR® XPS Fabrication Billets provide raw stock to commercial pipe fabricators from which individual pipe insulation parts can be cut.

NOTES

For more information on the Owens Corning family of mechanical insulation products, contact your Owens Corning dealer, call 1-800-GET-PINK® or access our website:

www.owenscorning.com/mechanical



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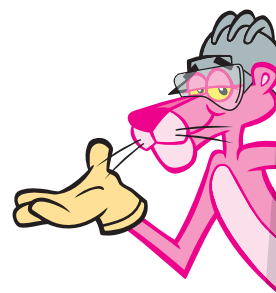
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Energy-Saving, Moisture-Resistant XPS Insulation



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