



鼎联国际集团

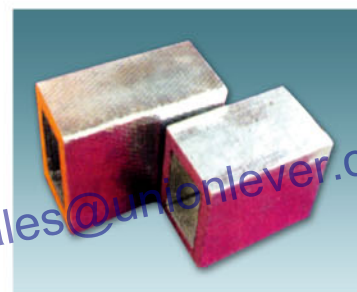


UNION LEVER

UNIONLEVER INTERNATIONAL GROUP

Company Profile

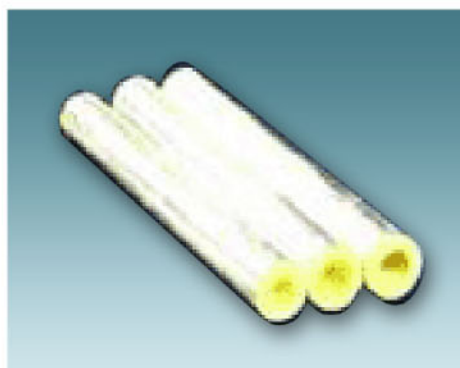
In the field of Insulation materials, we are specializing in Glasswool products, including blankets, boards and pipes. Centrifugal glass wool is a silk-like material made by fiberization in the TEL process and spraying of thermosetting resin. The advantages of this material is numerous: noncombustible, nontoxic, and resistant to corrosion; it has low weight by volume, low thermal conductivity, stable chemical property, low moisture rate and good hydrophobicity. These products have been widely used in heat preservation, thermal insulation and sound absorption in construction, chemical industry, electronic industry, electric power, metallurgy, energy industry, and communication. High density panels with laminated facing can be used for Air-conditioning duct system.



| Item | Unit | Index |
|----------------------------------|-------------------|-------------------------|
| Density | kg/m ³ | 10-100 |
| Average fiber diameter | μm | 5-7 |
| Water content | % | ≤1 |
| Grade of combustibility | | Non-combustible Grade A |
| Reshrinking temp | ℃ | ≥250 |
| Thermal conductivity | w/m.k | 0.038-0.06 |
| Hydrophobicity | % | ≥98 |
| Moisture rate | % | ≤5 |
| Noise resistant coefficient(NRC) | | 0.75 |
| Slag inclusion content | % | ≤0.3 |

Glasswool Pipes

As this material has the characters of water-proof, anti-corrosion and mildewing-proof etc, which is good in stopping condensation and freezing of the pipes. It is widely used in building, heating power pipes, air conditioning and refrigerators for thermal insurance, such as hot water and steam pipes, electric power, petroleum, chemical industries. Facing like Alum foil can be applied to the surface for preventing moisture and radiation protection.



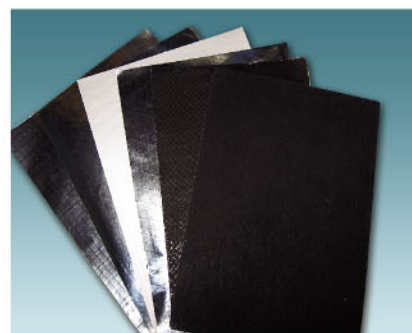
| Item | Unit | Index |
|-----------|-------------------|---------------------------------|
| Density | Kg/m ³ | 48-80 |
| Diameter | mm | 18mm-529mm(3/4 inch to 21 inch) |
| Thickness | mm | 25-90 |
| Length | mm | 1000,1200 |

Note: Special product with special specification can be made to order.

Unfaced and faced pipes are both provided.

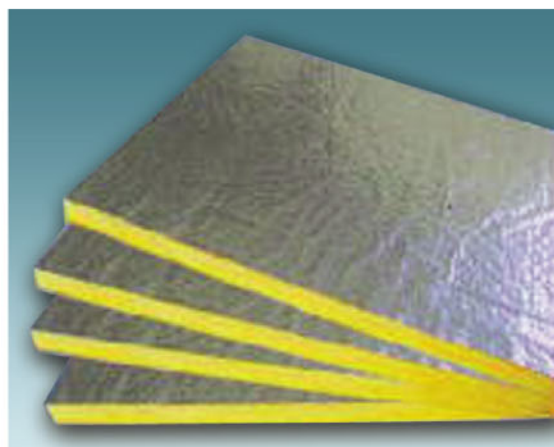
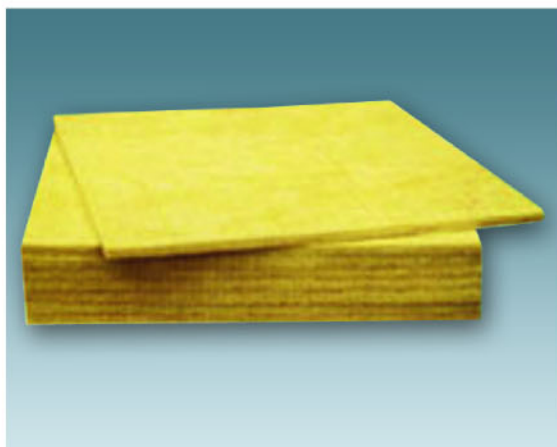
FACING FOR GLASSWOOL PRODUCTS:

- Foil-Scrim-Kraft Facing
- Alum Glass Cloth Facing
- Facing For Metal Building
- Fiberglass Tissue/Fabric Facing



Glasswool Boards

The glass wool board is a plate product with a fixed strength after hot-setting the centrifugal glass wool. It has excellent thermal insurance performance at both high and low temperature environment. It is mainly used for the separating wall in the high-grade building, ceiling, air conduit or inner wall of bellows for thermal insurance, or machine shops for noise absorption, or metal ceiling for control of moisture. High density panels with laminated facing can be used for Air-conditioning duct system.



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| Item | Unit | Index |
|-----------|-------------------|-----------|
| Density | Kg/m ³ | 24-96 |
| Thickness | mm | 20-100 |
| Width | mm | 600-1200 |
| Length | mm | 1200-2400 |

Note: Special product with special specification can be made to order.

Unfaced and faced boards are both provided.

Glasswool Blankets

This kind of felts are made for large laying area. Beside the character of thermal insurance, it also has the performances of shock absorption and acoustical isolation, especially for middle or low frequency sound, which can cancel the noise and improve working environment.

This material can be freely cut in construction according the shape required, mainly used in room, noise-canceling system, transportation, refrigerators and household electric appliances for noise canceling.

The glass wool blankets with aluminum foil surface has good capability of heat radiation protection, which is suitable for high temperature shops, control room, inner wall of the machine shops, room separating and so on as inner liners.



| Item | Unit | Index |
|-----------|-------------------|-------------|
| Density | Kg/m ³ | 10–32 |
| Thickness | mm | 25–150 |
| Width | mm | 600–1200 |
| Length | mm | 10000–30000 |

Note: Special product with special specification can be made to order.

Unfaced and faced felts are both provided.