



SHENZHOU GLASS WOOL

Group Introduction

Shenzhou Group is an energy-saving and environmentally friendly enterprise integrating R&D, manufacturing and service of thermal insulation, sound absorption and noise reduction materials. With 40 years' development history, the group has become a leading manufacturer in the heat insulation and energy saving industry. It covers an area of 1.06 million square meters, including a manufacturing area of 680,000 square meters.

The Group has 6 subsidiaries, 12 plants. It produces seven main series of products including rubber foam, fiberglass, ceramic wool, sound absorption and noise reduction materials, rock wool, XPS and aerogel. Its products are widely used in construction, central air conditioning, refrigerator refrigeration, petrochemical, Marine locomotive, aerospace, thermal power, sound-absorbing noise reduction, and other industries. Equipped with internationally advanced production equipment and technology, the Group's annual production volume of rubber foam is 2.6 million m³, fiberglass 230,000 tons, rock wool 120,000 tons, and ceramic wool 28,000 tons.



Glass Wool Product

Shenzhou fiberglass insulation materials we produce is engineered for effective thermal and acoustic insulation to get excellent energy-saving performance.

Our fiberglass insulation materials include yellow fiberglass, pink fiberglass, chocolate formaldehyde-free fiberglass, and white formaldehyde-free fiberglass.

They all have various forms including blanket, board and tubes. All forms are available unfaced or faced with FSK or white PSK vapor retarders. Fiberglass blanket of both facing options include a 2" (51 mm) stapling flange for easy installation.

Product Category: Glass wool

Eco-friendly /Fructose-based Eco-Friendly Glass wool

Product Type: Board/ Blanket/ Tube



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Standard Specification for Glass Wool Board

Bulk density (kg/m ³)	32 40 48 56 64 80 96
Thickness (mm)	25~100
Width (mm)	600
Length (m)	12

Standard Specification for Glass Wool Blanket

Bulk density (kg/m ³)	10 12 16 18 24
Thickness (mm)	25~200
Width (mm)	1200
Length (m)	8 10

Standard Specification for Glass Wool Pipe

Bulk density (kg/m³)	40~150													
Thickness (mm)	25	40	50	60	70	80	90	100	110	120				
Length (m)	1													
Internal diameter (mm)	27	34	43	48	60	76	89	108	114	140	159	165	219	173

The above specifications are commonly used specifications, other specifications can also be customized as per clients' requirement. They are all available unfaced or faced with aluminum foil as per clients' requirement.



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Technical Data Sheet

Test Items	Test Method	Test Value
Fire Hazard Classification	ASTM E84 UL 723	Flame Spread <25 Smoke Developed <50 Grade A incombustible materials ≤ 0.3
Thermal Conductivity	ASTM C518	0.034 - 0.048 (W/m · K)
Corrosion Resistance	ASTM C665	Will not accelerate corrosion of steel or copper.
Resistance To Fungi And Bacteria	ASTM C665	Does not breed or promote fungi or bacteria growth.
Moisture Absorption	ASTM C 1104 GB 5480.7-87	3% of weight(49, relative humidity Moisture absorption 90%) 5% of weight(49, relative humidity 90%)
Moisture Permeability	ASTM E96 GB/T 17146-1997	Max.0.013g/24h · m ² · mercury/mm
Temperature Range	ASTM C411	Up to 400 °C



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