

MINWOOL-1200® PIPE & TANK WRAP

MinWool-1200 Pipe & Tank Wrap Insulation is a water-repellent mineral wool insulation made of inorganic fibers derived from basalt, a volcanic rock, with a thermosetting resin binder. Advanced manufacturing technology ensures consistent product quality, with high fiber density and low shot content, for excellent performance in high temperature, thermal control and fire-resistant applications.

ADVANTAGES

Water-Repellent. MinWool-1200 Pipe & Tank Wrap insulation is water-repellent to help mitigate the risk of water intrusion. MinWool-1200 Pipe & Tank Wrap performs in accordance with BS EN 1609:2013, absorbing less than 0.35 kg/m² of water during water absorption tests at temperatures up to 425°F (218°C).

Thermal Performance. Good thermal conductivity values help maximize control of heat loss, contributing to reduced operating costs and greater energy savings. High dimensional stability and low shrinkage reduce the potential for gaps forming at joints.

Lightweight, Low Dust. Easy to handle and fabricate, these blankets cut cleanly with a knife. Clean handling properties help reduce irritation and minimize job clean-up time and expense.

Low Smoke & Flame Spread. When tested in accordance with ASTM E84, MinWool-1200 Pipe & Tank Wrap blankets have a flame spread rating of 25 and a smoke developed rating of 5.

Mold Resistant. MinWool-1200 does not support growth of fungi.

APPLICATIONS

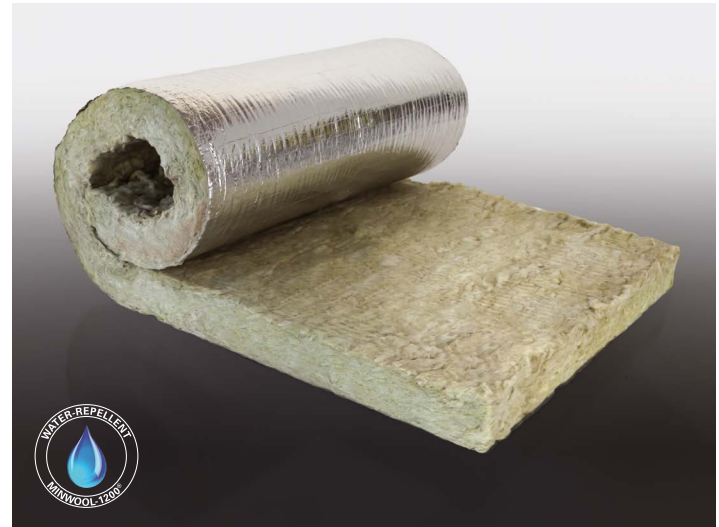
MinWool-1200 Pipe & Tank Wrap Insulation provides excellent thermal insulation performance for mechanical equipment, structural members, vessels, furnaces, large diameter piping, and any other irregularly shaped systems operating from sub-ambient to 1200°F(650°C). Pipe & Tank Wrap Insulation is easily fabricated, cutting cleanly with a knife. Very low in-service shrinkage helps prevent gaps from forming at joints, preventing costly thermal leaks. It may be installed directly on hot surfaces; system shut-down and staged heat-up are not required.

A sufficient thickness of insulation must be used to keep the maximum facing temperature of Pipe & Tank Wrap below 150°F. Insulation thickness must be reviewed for each application. It is not recommended for use as an inside layer in nested applications.

AVAILABLE FORMS AND SIZES

MinWool-1200 Pipe & Tank Wrap is FSP (Foil Scrim Polyethylene) faced and has a nominal density of 8 pcf (128 kgs/m³).

Thickness		Width		Roll Length	
in.	mm	in.	meters	ft.	meters
1½	40	48	1.22	18	5.5
2	50	48	1.22	16	4.9
2½	65	48	1.22	14	4.3
3	75	48	1.22	12	3.7
3½	90	48	1.22	10	3.1
4	100	48	1.22	8	2.4



Operating Temperature Limit: 1200°F (650°C)

SPECIFICATION COMPLIANCE

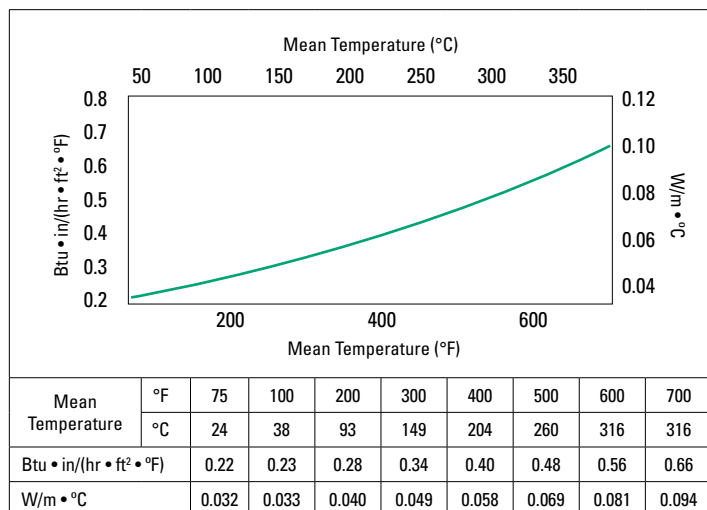
ASTM C356 In-Service Shrinkage	0% at 1050°F (566°C); <2% at 1200°F (650°C)
ASTM C447 Max Service Temperature	1200°F (650°C)
ASTM C553 Mineral Fiber Blanket Specification	Types I, II, III, IV, V, VI, VII
ASTM C665 Corrosivity to Steel	Passes
ASTM C795/C871/C692 Corrosion: Austenitic Stainless Steel	Passes
ASTM C1104 Water Vapor Sorption	<1% by Weight, <.02% by Volume @ 120°F (50°C), 95% RH
ASTM C1335 Shot Content	<25%
ASTM C1338 Fungi Resistance	Passes
ASTM E84 Surface Burning Characteristics	Flame Spread - 25 Smoke Developed - 5
R-Value @ 75°F	4.3 per inch of thickness
BS EN 1609:2013 Water Absorption	<0.35 kg/m ²

MINWOOL-1200® PIPE & TANK WRAP

WATER-REPELLENT, HIGH-TEMPERATURE MINERAL WOOL INSULATION

DATA SHEET

THERMAL CONDUCTIVITY



*MinWool-1200 Pipe & Tank Insulation as tested in accordance with ASTM C518.

PRODUCT CERTIFICATION

When ordering material to comply with any government specification or any other listed specification, a statement of that fact must appear on the purchase order. Government regulations and other listed specifications require specific lot testing, and prohibit the certification of compliance after shipment has been made. There may be additional charges associated with specification compliance testing. Please refer to IND-CSP-3 for Certification Procedures and Charges. Call customer service for more information.

QUALITY STATEMENT

Industrial Insulation Group products are designed, manufactured and tested to strict quality standards in our own facilities. This along with third party auditing is your assurance that this product delivers consistent high quality.

ADDITIONAL INFORMATION AND SDS

Please visit our website at www.jm.com/industrial
Customer Service, Technical & General Information: (800) 866-3234



717 17th St.
Denver, CO 80202
(800) 866-3234
JM.com

Technical specifications as shown in this literature are intended to be used as general guidelines only. Please refer to the Safety Data Sheet and product label prior to using this product. The physical and chemical properties of the MinWool-1200® Pipe & Tank Wrap listed herein represent typical, average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Any references to numerical flame spread or smoke developed ratings are not intended to reflect hazards presented by these or any other materials under actual fire conditions. Check with the Regional Sales Office nearest you for current information.

All Johns Manville products are sold subject to Johns Manville's standard Terms and Conditions, which includes a Limited Warranty and Limitation of Remedy. For a copy of the Johns Manville standard Terms and Conditions or for information on other Johns Manville thermal insulation and systems, visit www.jm.com/terms-conditions or call (800) 654-3103.