

MG MIGHTY COVER™

Description

Rockwool is inorganic spun fibers made from natural rocks and minerals bonded by organic binder.

Rockwool is non-combustible, suitable for thermal insulation, fire protection and sound absorption/noise reduction.

MG MIGHTY COVER is pre-formed sectional pipe insulation. Snap-on type having split is supplied.



"MG MIGHTY COVER" is a trademark of Nichias Corporation.

Standard Densities and Sizes

Product Name	Nominal Density (kg/m ³)	Standard Thickness (mm)	Standard Size (mm)
MG MIGHTY COVER	90-150	25,30,40 50,65,75 and 100	1000

* Other densities and sizes are also available on request. For details, please contact us.

Nominal Pipe Size (ANSI)

NSP(inch)	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	3-1/2	4	5	6	8	10
ID(mm)	22	27	34	43	49	61	76	89	102	114	140	168	219	274
NSP(inch)	12	14	16	18	20	22	24	26	28	30	32	34	36	
ID(mm)	324	356	406	457	508	559	610	660	711	762	813	864	914	

* Available thickness are not for all sizes, please contact before order.

Maximum Service Temperature and Classification

Product Name	Nominal Density (kg/m ³)	Max. Service Temperature (°C)	Test Method
MG MIGHTY COVER	90 –150	650	ASTM C411

* Based on MG BOARD Data.

Apparent Thermal Conductivities

Product Name	Apparent Thermal Conductivities (W/mK)		Test Method
MG MIGHTY COVER	Mean Temperature (°C)	Average 70 +5/-0	0.044 max. (Conform to JIS A9504 requirement)
			JIS A1412 ISO 8302

* These figures are actual test result and shall not be used for specification purpose.

* Based on MG BOARD Data.

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■ Technical Properties

Items	Unit	Test Results*	Spec.	Test Method
Linear Shrinkage at 650°C	%	1.22	2.0 max.	ASTM C356
Surface burning characteristic	Index	Flame spread 0	25 max.	ASTM E84
	Index	Smoke developed 0	50 max.	
Water vapor sorption	%	0.29	5.0 max.	ASTM C1104
Water absorption	kg/m ²	0.034	–	EN 1609
Non fibrous (Shot) content	%	150µm 13.0	–	ASTM C1335
		500µm 1.6	4 max.	JIS A9504
Corrosive resistances	–	Passed 28 day preproduction corrosion test		ASTM C795

* Based on MG BOARD 080 Data.

■ Conforming Specification

- ASTM C547 Standard Specification for Mineral Fiber Pipe Insulation
- JIS A 9504 Man made mineral fiber thermal insulation materials
Rockwool pipe insulation (Density : 40~200 kg/m³)

■ Handling & Storage

- Handling carefully, avoid damages on the edge and surfaces of product
- Store in indoor and protect from direct exposure to the water



This product does not contain any asbestos fibers nor Freon such as CFCs, HFCs, SCFs, HCFCs which will affect environment.

■ Manufacturer

PT. NICHIAS ROCKWOOL INDONESIA
Jl. Jend. A. Yani, PO Box 1, Cikampek,
Jawa Barat, Indonesia

■ Sole Distributor in Indonesia

PT. NICHIAS SUNIJAYA
Panin Life Center, 2nd Floor, Room 205
Jl. Letnan Jenderal S. Parman Kav. 91,
Jakarta 11420, Indonesia
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Precautions for handling products

Please observe the following cautions in order to maintain the intrinsic functions of the products and also to ensure that these products are used safely.

1. Do not use a product for any other than the purpose described in the catalog and specification.
2. Store products indoor at ordinary temperature and humidity, and strictly avoid to get wet.
3. Store horizontally on pallets.
4. Do not store under heavy goods.
5. Avoid sparks of welding.
6. Handle without using a hook.
7. Check the precautions for occupational health using the SDS.

Since this product contains rockwool, please observe the following cautions.

⚠ Caution

1. Inhalation of a large amount of rockwool dust for a long period of time may cause damage to respiratory systems.
2. Contact to rockwool fiber may cause itching and /or inflammation of skin.
3. Hazardous gas may be generated temporarily due to organic binder contained.



1. Manual tools such as a knife shall be used for cutting. For use of electric cutting machine, local exhaust ventilation and dust-prevention equipment shall be installed.
2. Wear respirator for handling.
3. Wear work clothing with long sleeves and protective gloves as well. Where necessary, wear protective goggle.
4. Use ventilation system to avoid hazardous gas may be generated in the initial heating-up process.
5. For disposal, follow local regulations.

MGB1307E