

MG MIGHTY COVER™

Description

Rock wool is inorganic spun fibers made from natural rocks and minerals.

MG MIGHTY COVER™ made of rock wool is non-combustible, suitable for thermal insulation, fire protection.

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



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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, 50,65,75and100	1000

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

Nominal Pipe Size (ANSI)

NPS(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
NPS(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
Rock Wool 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