Zhongtian Mica

Introduction

We produce and supply high quality mica roll (in roll or sheet form)

The Mica Roll can resist high temperature and voltage, it is flexible and easy to handle, mica-based, “wall-paper” for induction furnace. Has the following main functions:

1. **Slip-Plane**: mica with strengthen material, pliable and tough to process to different shape..
2. **Safety-Layer**: Fire-resistant and protect coil against refractory material.
3. **Separating-Layer**: Barrier and protector
4. **Isolation-Layer**: Electrical and thermal protection
5. **Fastening gasket and washer** : Tough and special contraction design for industrial use.
6. **Combine with CaSi Paper, ceramic mat, 304 stainless steel mesh,** For industrial furnace and customized product.

Supply Form and Size

Thickness: 0.2-3.5mm
Size: Width:1m, Length: 20m, 25m, 100m, in Roll Form
Width ×length: 1m×1.2m 1m×2.4m, in Sheet Form

Material

Function Material: Phlogopite mica paper (700-800℃), Synthetic mica paper (950℃), Calcined mica paper(1000℃), ceramic mat, CaSI Paper…

Reinforcing material: Glass Fiber cloth, Stainless steel mesh…

Combined by high-temperature silicon resin.

CONTACT US NOW:

Hubei Zhongtian Mica Products CO., LTD

Real factory since 2001, Professional on mica sheet, mica roll, mica paper, mica tape, mica gasket.

Welcome to contact us.

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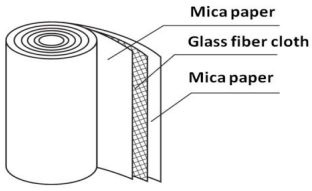
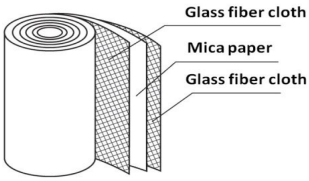
Zhongtian Mica

Structure



ZT-RMGM



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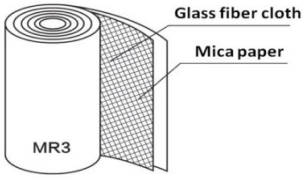

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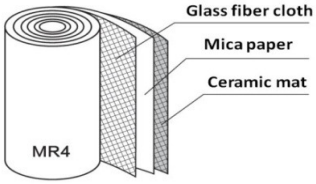
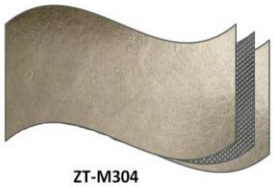
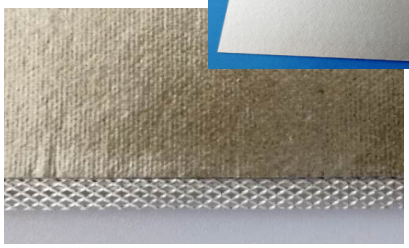


ZT-COMBI



ZT-M304



Specification

ITEM	UNIT	ZT-RMGM		ZT-RGMG		ZT-RMG		
Thickness	mm	0.2±0.03	0.3±0.03	0.4±0.03	0.5±0.03	0.6±0.03	0.7±0.03	0.8±0.03
Weight	g/m2	310±30	500±30	650±50	850±50	1000±50	1150±50	1300±50
Mica Content	%	>70	>70	>70	>70	>70	>70	>70
Glass Content	%	10-15	10-15	10-15	10-15	10-15	10-15	10-15
Binder Content	%	10-15	10-15	10-15	10-15	10-15	10-15	10-15
Tensile Strength	N/15mm	≥200	≥200	≥400	≥400	≥600	≥600	≥600
Voltage Grade	KV/layer	≥1.5	≥2	≥3	≥4	≥5	≥6	≥7
Fire Grade	P: 850℃, S: 950℃, CM: 1000℃up							
Supply Form	In roll form, width:1000 mm, length: 20m or 25m/ roll, or Customized							

ITEM	UNIT	ZT-COMBI				ZT-M304	HP5P5-1	HP5S5-1
Thickness	mm	2.2±0.03	2.5±0.03	3.2±0.05	3.5±0.05	0.58±0.05	0.2-3.0mm	0.2-3.0mm
Mica	mm	0.2	0.5	0.2	0.5	0.4		
Reforce Material	mm	2	2	3	3	/	/	/
Stainless Steel	mm	/	/	/	/	0.23±0.01	/	/
Weight	g/m2	400±30	950±30	500±50	1050±50	750±50	1.85-2.0gsm	1.85-2.0gsm
Binder Content	%	10-15	10-15	10-15	10-15	7-12	7-12	7-12
Voltage Grade	KV/layer	≥1.5	≥2	≥3	≥3.5	≥4	≥15kv/mm	≥15kv/mm
Supply Form	In roll form, width:1000 mm, length: 20m or 25m/ roll, or Customized					In sheet form 1200mm x 1000mm, 2400mm x 1000mm, 600mm x 1000mm		

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PACKING in Roll Form

Mica Roll:

1. Rolled on the Paper Core Tube: ID 76mm, 152mm, or Customized.
2. Packed by moisture-proof paper, PET film, Air bubble film & Carton Box.
3. Carton Box fixed and protected by Pallets.

Carton Size: Length - 1080mm, width & height – 240mm or Customized

Each pallet will pack: 9rolls, 16rolls, 20rolls

PACKING in Sheet Form

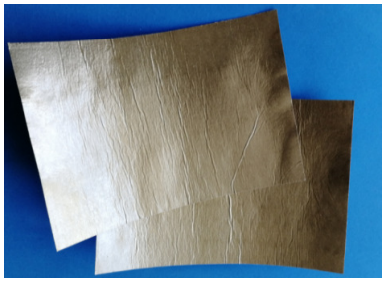
Mica Sheet:

1. Packed by PET film, and Carton Box.
2. Carton Box fixed and protected by Pallets.

Carton Size: 600mm x 1000mm, 1200mm x 1000mm, 2400mm x 1000mm

Wooden Pallets: 1200mm x 1000mm, 2400mm x 1000mm

Each carton pack 50kgs & Each pallets pack 1000kgs



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