FINEFLEX BIO™ Textile Products

[Cloth/Tape/Cord/Twisted Rope/Braided Rope]

Applications

- Heating zone separators and curtains for furnaces
- · Combustion surfaces of infrared heating zones
- Insulation of grooves and gaps
- · Cushioning material for high temperature parts
- Expansion joint filling material for the interior of kilns



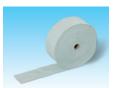
TOMBO™ No. **5685-A**

FINEFLEX BIO™

Cloth

A product of alkaline earth silicate wool woven into a thick cloth.

Thickness (mm)	Width (mm)	Length (m)		
2	1000	30		



томво™ №. 5685-В

FINEFLEX BIO™

Tape

A product of alkaline earth silicate wool woven into a thick tape.

Thickness (mm)	Width (mm)	Length (m)
2	25, 38, 50, 65, 75, 100	30



томво™ №. 5685-С

FINEFLEX BIO™

Cord

A product of multiple alkaline earth silicate wool yarns tightly twisted together.

Thickness (mm)	3.2	4.8
Packaging/Packing	1kg/Polyeth	rylene bags





TOMBO™ No. **5685-D**

FINEFLEX BIO™

Twisted Rope

A product of multiple alkaline earth silicate wool yarns twisted together into a coarse thread, strands of which are then further twisted together into rope form.

Thickness (mm)	6.4	9.6	12.7	15.9	19.1	22.2	25.4	
Length (m)		30						



томво™ №. 5685-Е

FINEFLEX BIO™ Braided Rope

A product with alkaline earth silicate wool bulk fiber at its center and a surface of coating material, roughly braided into rope form.

Thickness (mm)	15	20	25	30	35	40	50	60	80	100	120
Length (m)		30						20	10	5	

Quality Characteristics

		TOMBO™ No.								
Item		568	5-A	5685 - B	5685-C	5685 - D	5685-E			
		5685-A-F	5685-A-S	5000 B	0000 0	0000 B	5685-E-S	5685-E-G		
Reinforci coating n		Iron-chromium wire	SUS wire	SUS wire Iron-chromium wire Glass yarn SUS wire Glass yarn				Glass yarn		
Max. heatpro reinforcing v material (°C)	vire/coating	1100	800	800 1100 550 800 550						
Mass (kg/l	m²)	1.07	1.15	Depending on width and thickness						
Tensile	Vertical	719	846		_	_	_	_		
strength (N/25mm)	Horizontal	461	525	_						
Ignition le	oss (%)	12	14	11	11 11 14 –					

^{*} The above figures are actual measurements made by Nichias and not standard values.

Note 1: Usable at higher temperatures than above in applications where handling ability and shape retention after heating are not required.



http://www.nichias.co.jp/

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