

FINEFLEX BIO™ Paper

FINEFLEX BIO™ Paper A is comprised of FINEFLEX BIO™ Bulk to which organic binder has been added, while FINEFLEX BIO™ Paper R and M are comprised of FINEFLEX BIO™ Bulk and amorphous inorganic fiber to which organic binder has been added, each type being made into paper form by a paper making machine.

► Features

- **FINEFLEX BIO™ Paper A**
A general-purpose product that can withstand high temperatures
- **FINEFLEX BIO™ Paper R**
A product that has excellent tensile strength, flexibility, and sealing properties
- **FINEFLEX BIO™ Paper M**
A product that emits few odors during baking

► Applications

- General-purpose insulating material
- Lining material and backup material for insulating ceilings and walls of kilns
- Expansion joint filling material for interior parts of kilns
- Sealing material for gas powered hot water heaters
- Sealing material for combustion equipment

► Quality Characteristics

Item	TOMBO™ No.		
	5635-A	5635-R	5635-M
Features	High heat-resistance type	Excellent sealing efficiency	Low odor type
Color	White	White – light brown	
Density (kg/m³)	250		240
Max. heatproof temp. (°C)	1300	800	1000
Tensile strength (N/25mm)	1.0mm:23 2.0mm:39 3.0mm:58 4.0mm:78	1.0mm: 34 2.0mm: 66 3.0mm:100 4.0mm:135	1.0mm:17 2.0mm:37 3.0mm:49 4.0mm:74
Ignition loss (%)	4	7	2

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

* Binders may dissipate after heating, reducing the shape retention of the product.



► Standard Dimensions

Thickness (mm)	Width × length (mm)
1.0	600 × 1200
2.0	
3.0	
4.0	

* Please contact us for inquiries about other sizes.


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