mica tapes europe	TECHNICAL SPECIFICATIONS E-Combi:Thick phlogopite mica tape - biosoluble paper		
	Reference **TDS-17 (English)**	Date **25-11-20**	Total page number **1**

Free of halogens and toxic gases,the biosoluble paper-mica tape is used to protect the coil of the induction furnace in case of leakage of the crucible.
The mica placed on the surface of the oven provides a slippery surface for the extraction the crucible with the push-out system (biosoluble paper in contact with the crucible)
The biosoluble paper-phlogopite mica tape consists of biosoluble paper, a thick phlogopite mica paper which is steeped in a specific high temperature binder and strengthened thanks to a glass cloth inside the mica.
Even if the silicone binder is converted into inorganic dioxide when the mica is exposed to high temperature , the mica keeps a high electrical insulation at high temperature.
Moreover, this mica product produces no toxicity at all and therefore there is no need of any specific protection.Using temperature : 750°C
Standard width : 1000 mm
Standard lengths : 10 M and 20 M.
Any other dimensions upon request.

Biosoluble paper-phlogopite tape 2,3 mm - ref : BP-2,3

Properties		Standard (*)	Values	Units
Composition				
	Tape thickness	IEC 371-2	2,3 ± 0,1	mm
	phlogopite mica content	IEC 371-2	220 ± 10	g/m2
	glass content	IEC 371-2	32 ± 2	g/m2
	binder content	IEC 371-2	35 ± 5	g/m2
	biosoluble paper		360 ± 20	g/m2
	total weight	IEC 371-2	650 ± 15	g/m2
Dielectric strength		IEC 371-2	5	KV/layer
Tensile strength		ISO 527	120	N/cm

Biosoluble paper-phlogopite tape 2,5 mm - ref : BP-2,5

Properties		Standard (*)	Values	Units
Composition				
	Tape thickness	IEC 371-2	2,5 ± 0,1	mm
	phlogopite mica content	IEC 371-2	350 ± 10	g/m2
	glass content	IEC 371-2	32 ± 2	g/m2
	binder content	IEC 371-2	35 ± 5	g/m2
	biosoluble paper		360 ± 20	g/m2
	total weight	IEC 371-2	780 ± 15	g/m2
Dielectric strength		IEC 371-2	6	KV/layer
Tensile strength		ISO 527	120	N/cm

Shelf life : 24 moonths