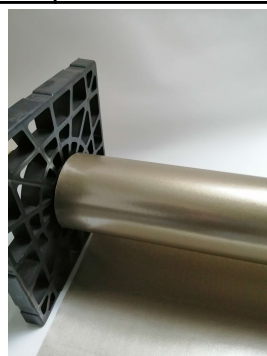


Free of halogens and toxic gases, the thick glass cloth mica tape is used to protect the coil of the induction furnace in case of leakage of the crucible.  
The mica placed on the surface of the oven provides a slippery surface for extraction of the crucible with the push-out system.  
The glass cloth phlogopite mica tape consists of a thick phlogopite mica paper which is steeped in a specific high temperature binder and strengthened thanks to a glass cloth outside or 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.  
Standard width : 1000 mm  
Standard lengths : 25 and 50 M.  
Rewound on 3 " cardboard core  
Glass cloth : outside the mica ( O- configuration) or inside the mica (I-configuration)  
Any other dimensions upon request.



**E-Foil 0,15 mm - ref : P-0,15 FG 32**


Properties	Standard (*)	Values	Units
<b>Composition</b>			
Tape thickness approx.	IEC 371-2	0,15	mm
phlogopite mica content	IEC 371-2	180 ± 15	g/m2
glass content	IEC 371-2	32 ± 2	g/m2
binder content	IEC 371-2	20 ± 3	g/m2
total weight		230 ± 15	g/m2
<b>Weight loss</b>	IEC 371-2	< 0,5	%
<b>Water absorption</b>	IEC 371-2	< 0,5	%
<b>Dielectric strength</b>	IEC 371-2	1,8	KV/layer
<b>Tensile strength</b>	ISO 527	120	N/cm

**E-Foil 0,20 mm - ref : P-0,20 FG 32**

Properties	Standard (*)	Values	Units
<b>Composition</b>			
Tape thickness approx.	IEC 371-2	0,2	mm
phlogopite mica content	IEC 371-2	250 ± 20	g/m2
glass content	IEC 371-2	32 ± 2	g/m2
binder content	IEC 371-2	25 ± 3	g/m2
total weight		310 ± 15	g/m2
<b>Weight loss</b>	IEC 371-2	< 0,5	%
<b>Water absorption</b>	IEC 371-2	< 0,5	%
<b>Dielectric strength</b>	IEC 371-2	> 2,2	KV/layer
<b>Tensile strength</b>	ISO 527	120	N/cm

**E-Foil 0,30 mm - ref : P-0,30 FG 32**

Properties	Standard (*)	Values	Units
<b>Composition</b>			
Tape thickness approx.	IEC 371-2	0,3	mm
phlogopite mica content	IEC 371-2	320 ± 20	g/m2
glass content	IEC 371-2	32 ± 2	g/m2
binder content	IEC 371-2	25 ± 3	g/m2
total weight		380 ± 15	g/m2
<b>Weight loss</b>	IEC 371-2	< 0,5	%
<b>Water absorption</b>	IEC 371-2	< 0,5	%
<b>Dielectric strength</b>	IEC 371-2	> 3,3	KV/layer
<b>Tensile strength</b>	ISO 527	> 120	N/cm

	<b>TECHNICAL SPECIFICATIONS</b>		
	<b>E-Foil : thick phlogopite mica tape - glass cloth</b>		
Reference	Date	Total page number	
<b>TDS-12 (English)</b>	<b>08-09-21</b>	<b>2</b>	
<b>E-Foil 0,40 mm - ref : P-0,40 FG 32</b>			

Properties	Standard (*)	Values	Units
Tape thickness approx	IEC 371-2	0,4	mm
phlogopite mica content	IEC 371-2	450 ± 20	g/m2
glass content	IEC 371-2	32 ± 2	g/m2
binder content	IEC 371-2	30 ± 3	g/m2
total weight		460 ± 15	g/m2
<b>Weight loss</b>	IEC 371-2	< 0,5	%
<b>Water absorption</b>	IEC 371-2	< 0,5	%
<b>Dielectric strength</b>	IEC 371-2	> 4,4	KV/layer
<b>Tensile strength</b>	ISO 527	> 120	N/cm

<b>E-Foil 0,5 mm - ref : P-0,50 FG 32</b>
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Properties	Standard (*)	Values	Units
<b>Composition</b>			
Tape thickness approx	IEC 371-2	0,5	mm
phlogopite mica content	IEC 371-2	580 ± 10	g/m2
glass content	IEC 371-2	32 ± 2	g/m2
binder content	IEC 371-2	38 ± 3	g/m2
total weight		650 ± 15	g/m2
<b>Weight loss</b>	IEC 371-2	< 0,5	%
<b>Water absorption</b>	IEC 371-2	< 0,5	%
<b>Dielectric strength</b>	IEC 371-2	> 5,5	KV/layer
<b>Tensile strength</b>	ISO 527	> 120	N/cm

For long period before use, store the rolls vertically  
shelf life : 2 years in dry conditions @ room temperature