

Free of halogens and toxic gases, the glasscloth mica tape is used in the fabrication of fire resistant cables. Being high flexible, you can easily use it with high speed taping machines.

The tape consists of a thin phlogopite mica paper which is steeped in a specific high temperature binder and strengthened thanks to PE film outside the mica. Even if the silicone binder is converted into inorganic dioxide when the mica is exposed to flames, the mica keeps a high electrical insulation at high temperature. Moreover, this mica product produces no toxicity at all and therefore there is no specific protection need.



Any dimensions upon request (pads or spools)

**Mica tape 0,12 mm - ref : P-0,12 PE 24**

Properties	Standard (*)	Values
<b>Composition</b>		
Tape thickness	IEC 371-2	0,12 ± 0,015
phlogopite mica content	IEC 371-2	118 ± 5
PE film	IEC 371-2	24 ± 2
binder content	IEC 371-2	18 ± 3
total weight		160 ± 5
<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
<b>Tensile strength</b>	ISO 527	> 100

**Mica tape 0,14 mm - ref : P-0,14 PE 24**

Properties	Standard (*)	Values
<b>Composition</b>		
Tape thickness	IEC 371-2	0,14 ± 0,015
phlogopite mica content	IEC 371-2	155 ± 5
PE film	IEC 371-2	24 ± 2
binder content	IEC 371-2	25 ± 3
total weight		204 ± 10
<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
<b>Tensile strength</b>	ISO 527	> 100




Units
mm
g/m <sup>2</sup>
g/m <sup>2</sup>
g/m <sup>2</sup>
g/m <sup>2</sup>
%
%
KV/layer
N/cm



Units
mm
g/m <sup>2</sup>
g/m <sup>2</sup>
g/m <sup>2</sup>
g/m <sup>2</sup>
%
%
KV/layer
N/cm