

Title (en)  
INSULATING TAPE FOR SPOOLING AN ELECTRIC CONDUCTOR

Title (de)  
ISOLIERBAND ZUM BEWICKELN EINES ELEKTRISCHEN LEITERS

Title (fr)  
BANDE ISOLANTE DESTINEE A ENVELOPPER UN CONDUCTEUR ELECTRIQUE

Publication  
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Application  
**EP 00922518 A 20000315**

Priority

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Abstract (en)  
[origin: DE19912667A1] The invention relates to an insulating tape for spooling an electric conductor. The insulating tape is provided with a woven fabric serving as support body. Material having a high-quality dielectricity is mounted on the woven fabric which is wide-meshed and contains warp threads made of a relatively coarse yarn and weft threads made of a finer yarn. The warp threads and the weft threads are guided in the direction of winding. The warp threads are provided with little fibre density. This results in a surface weight that matches the surface weight of a fine-meshed woven fabric containing warp and weft threads made of finer yarn. A greater edge breaking strength is obtained in relation to the fine-meshed woven fabric. Said strength is obtained by means of the coarser yarn which is guided with less fibre density and is used in the warp threads. The insulating tape is characterised by a lower content of woven fabric and thus by good dielectric properties and great edge breaking strength at the same time and hereby by good windability at high winding speeds.

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