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**UK Insulations  
Product Information**

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# **Polyester Phase Insulation Fibrex H1015**

## **Product Description**

H1015 is heat bonded 100% polyester with excellent absorbency which makes it particularly suitable for use as a phase insulation for electric motor windings.

When used in conjunction with high quality impregnating or trickle varnished it has a class F rating.

## **Characteristics**

Fibre	- 100% polyester
Binder system	- heat bonded
Structure of non-woven	- Random laid
Weight	- 150g/m <sup>2</sup> (+8%) DIN 53854
Thickness	- 0.27mm (+10%) micrometer screw 0.0105in. 8.5 N/1/2cm <sup>2</sup> pressure
Density	- 0.56 g/m <sup>2</sup> DIN 52855
Tensile Strength	- L180 N/5 cm (min 150)
Elongation at break	- L18% max (min 12%) W30% max (min 20%) 5cm strip DIN 53857
Electrical strength of Unimpregnated felt AC, 50 Hz	- 1.0 ± 0.2 kV

