

Insulation System:	HiVAX™
Description	Green coil requiring full VPI impregnation
Up to 15,000V	✓
Guaranteed Flexibility in outhangs	✓
Full Corona Protection on Coils ≥ 6,000V	✓
Guaranteed Storage Life Under Approved Conditions	
Optional Tropical Climate Protection	✓
Guaranteed Tan δ / Tip Up Integrity	✓
Thermal Performance:	
Class F155°C	
Class H180°C	✓
Class C220°C	✓
Surge Comparison or Turn To Turn Tested	✓
AC Flash Tested	✓
Moisture Proof Capability	✓
Oven Baking Required To Cure	✓
Fully Cured Before Insertion	
Tested Before Dispatch	✓



Our unique VPI rewinding system

HiVAX™ is our Vacuum Pressure Impregnation (VPI) insulation system.

VPI technology offers a range of benefits compared to resin rich systems, including improved sealant against moisture ingress and greater heat dissipation.

VPI technology works at higher ambient temperatures if a silicone-based resin is used for impregnation. Resin rich technology hits a temperature plateau at Class F, whereas VPI technology has the ability to go up to a working Class C or 220°C.

HiVAX™ is ideal for AC traction windings and all machines working at high temperatures.

HiVAX™ is recommended for short lead times as there are no pressing times, so reducing the production process.

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