

Insulation System:		HiVAX™
Description		Green coil requiring full VPI impregnation
Voltage Range @ 50Hz	≤ 3,000V	✓
	≥ 3,000V ≤ 6,000V	✓
	≥ 6,600V ≤ 15,000V	✓
Guaranteed Flexibility		✓
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 F155°C		✓
Class H180°C		✓
Class C220°C		✓
Surge Comparison or Turn To Turn Tested To 2UN+ 1000V		✓*
AC Flash Tested To (2UN + 1000)1.2		
Moisture Proof Capability		✓
Oven Baking Required To Cure		✓
Fully Cured Before Insertion		
Tested Before Dispatch		✓

* Voltage may depend on turn insulation material and coil specification.



Our unique 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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