

Insulation System:		HiRES™
Description		Resin rich hot pressed cell incorporating B stage material applied to the coil extensions
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		✓



Our B-stage end winding solution

HiRES™ is our insulation system that comprises a hot-pressed B-Stage Epoxy cell scarfed into a calcined mica and B-Stage end winding (coil extension).

HiRES™ has excellent windability. However, rewinders or manufacturers in tropical areas should consider the HiFLEX™ system.

Our B-Stage cell provides the highest quality and windability

HiRES™ provides industry leading tan delta figures.

Houghton International
Riverside Court, Fisher Street
Newcastle upon Tyne NE6 4LT
United Kingdom

T: +44 (0)191 234 3000
E: info@houghton-international.com
W: www.houghton-international.com



Houghton International
Electro mechanical innovation