

Insulation System:	HiRES™
Description	Resin rich hot pressed cell incorporating B stage material applied to the coil extensions
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 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
 Ronnie Mitten Works,
 Shields Road, Newcastle upon Tyne,
 NE6 2YL, United Kingdom.

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



Houghton International
 Electro mechanical innovation