

## MICASEAL Coils

With our experienced team, the New Zealand Coil Centre has the ability to manufacture quality coils to suit the requirements of your customers' machines.

### MICASEAL stator coils

These are generally class ,F' insulation constructed in a diamond coil configuration - up to 5kV. The coils are insulated with fully cured mica tape, and finished with glass/polyester armour tape.

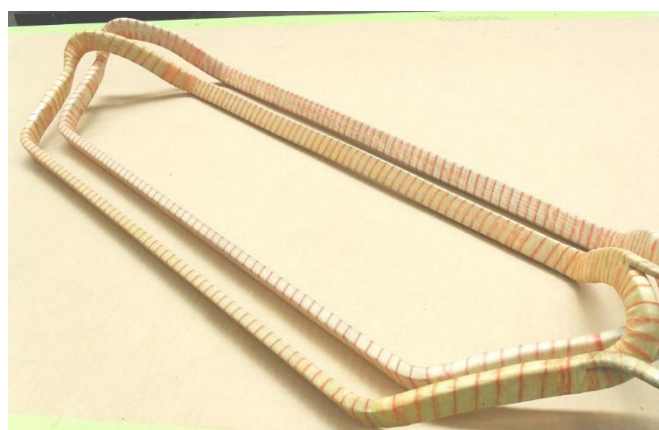
For higher rated insulation classes, a ,H' class coil is also available on request.

To achieve the best possible results, the main ground wall insulation is applied by automatic taping machine which ensures an accurate lapping of the insulation tape is guaranteed.

The completed coil is pre-dipped in polyester varnish and semi-cured, ensuring that flexibility is maintained. On completion of the rewind, the coils require an additional varnish dip or spray prior to being oven cured.

MICASEAL coils are not recommended to replace OEM VPI insulation systems where high temperatures above ambient are encountered.

NZCC fully cured mica tapes are used to offer an economic, flexible insulation system for machines less than 5kV



### Quality guaranteed

- Coils are tested to international standards
- BSEN 60034-1:2000
- BSEN 50209:1999
- IEE std 522:2004
  
- Prototype testing of coils by independent test facility
  
- Comprehensive test report issued with each set of coils
  
- ITPs and ITRs issued on request