

Formed Coil Manufacturer for Motors and Generators

ETEL Services Coil Centre in Hamilton is a manufacturer of quality replacement formed coils for motors and generators up to 13.8kV and 88MVA, to international standards.

Stator coils

ETEL Services stator windings are constructed to suit their application.

Micaseal

- Diamond construction insulation class F or H up to 5kV
- Insulated with fully cured mica tape and with glass/polyester armour tape

Micamold

- Diamond, concentric or hairpin construction insulation class F or H
- Flexible up to 7kV. Resin rich slot cells with flexible end windings
- Rigid up to 13.8kV. Resin rich slot cells and end windings with flexible knuckles
- Hermetically sealed coils – end-windings finished with sealing armour tape
- Fully cured coils for onsite rewinds

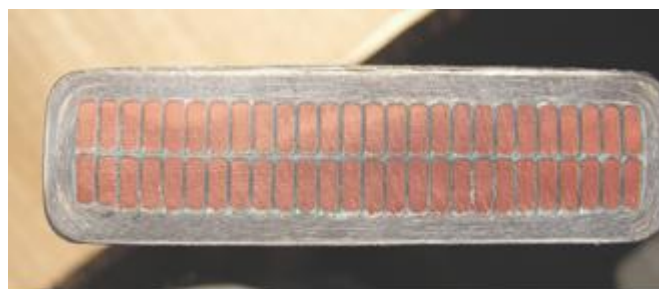
Armature and rotor coils

- For low- and medium-voltage – class F or H.
- Duplicate OEM design for lap, wave or frog
- Made to suit any working environment

Ancillary material

All items associated with a machine rewind can be supplied including:

- Slot wedges
- HV cable (up to 120mm² and 13.8kV)
- Conductive felt
- Typing cords
- Slot packing
- RTDs (PT100 or PT120)
- Resin impregnated felts
- Glass overhang packers
- 'B' stage surge ropes (6mm – 20mm)



Guaranteed quality for longer life

- Only mica conductor insulation used for coils 5kV and above.
- Only European and USA insulation materials used
- Size and shape checks performed throughout manufacture
- 100% testing of coils to international standards
 - BS EN 60034-1:2000
 - BS EN 50209:1999
 - IEE std 522:2004
- Test report issued with every set of coils
- Technical support available

Freight

Goods are dispatched in robust, lightweight packaging. Freight is performed by an international company, with daily flights that are easily tracked via the internet.