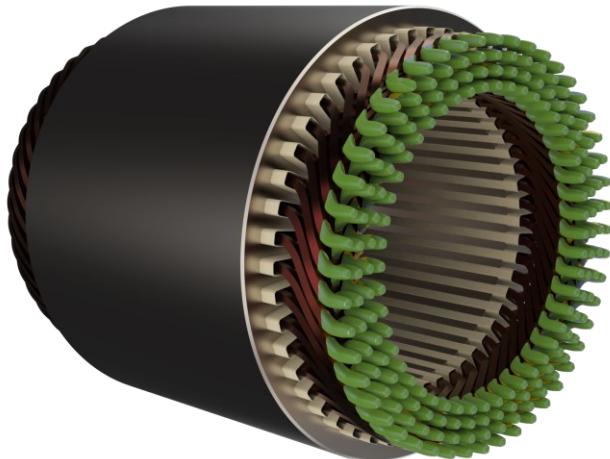


3M™ Expandable Slot Liner



Features

- Eliminates need for varnish application in slots
- Smooth surface ideal for automatic insertion equipment
- Electrically isolates, mechanically protects and securely holds the coils
- Available in standard and high-performance versions

Potential Applications

- Slot liner insulation
- Other applications are currently out of scope but contact your 3M representative to discuss potential new applications

Conventional process ▶ Proposed process

Conventional slot liner
inserted into slot

Coil winding inserted into
the insulated slots

Varnishing

Heating for varnish curing

Expandable slot liner inserted into slots

Coil winding inserted into the insulated slots

No varnish step required

Heating for expansion (room temp to 160°C, 3 minutes)

Heating for cure (160°C, 10 minutes)

- Curing time may be adjusted depending on temperature

[Read our full Intended Use and Restricted Use Statements](#)

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