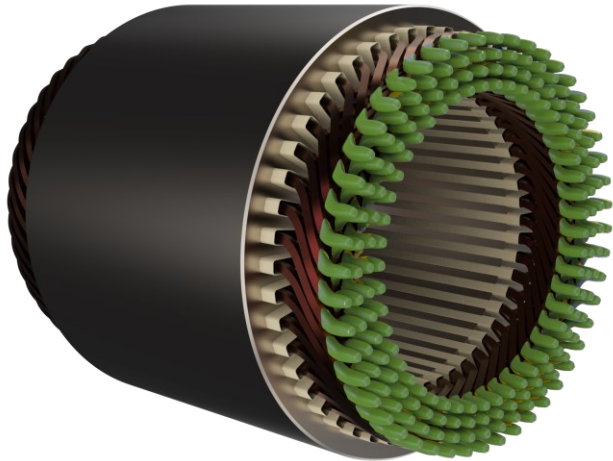


# 3M™ Expandable Slot Liner ESL-FC190



## Features

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

## Potential Applications

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

### Conventional process

Conventional slot liner  
inserted into slot

Coil winding inserted into  
the insulated slots

Varnishing

Heating for varnish curing

### Proposed process

Expandable slot liner inserted into slots

Coil winding inserted into the insulated slots

Heating for expansion (room temp to 160°C, 3 minutes)  
Heating for cure (160°C, 30 minutes)  
• Curing time may be adjusted depending on temperature

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