



AC Induction Motor:
0.75 hp, 4-Pole, 460V

Electric Motor Guide

Focus on PEEK

Improve motor performance to 260 °C! Use crystalline PEEK-coated magnet wire and PEEK Lay-Flat tubing as the primary insulating products. PEEK is abrasion resistant and chemically inert. When motors use our PEEK products, they show improvements in partial discharge, Q factor, and capacitance compared to standard motor components.

Additionally, motors exhibit lower leakage current, shorter absorption times, and operate with greater efficiency compared to motors with standard wire and insulation. Want to make a prototype? Contact us to request samples.

PEEK Lay-Flat® Tubing

1. Slot Liner
2. Coil Slot Separation
3. End Coil Phase Separation

PEEK Insulated Wire

4. Magnet Wire
5. Lead Wire

