

APPLICATION GUIDE FOR TUFNOL LAMINATES

Correct material selection is essential to successful performance.

The technical requirements of working environment, material properties and component performance must be balanced with economic factors such as cost, availability, and production methods.

Tufnol laminates have a wide range of characteristics, and it is important to select the correct type for each application.

Application Requirements	Phenolic Paper Grades	Phenolic Paper Grades	Epoxy Paper and Cotton Grades	Polyester Glass Grades	Glass Fabric Grades
General Requirements	✗	✓	✓	✓	✓
Low Voltage Insulation	✓	✓	✓	✓	✓
High Voltage Insulation	✓	✗	✓	✓	✓
High Temperature	✗	✗	✗	✓	✓
Wear Resistance	✗	✓	✓	✗	✗
Low Water Absorption	✓	✗	✓	✓	✓
Dimensional Stability	✗	✗	✓	✓	✓
Good Machinability	✓	✓	✓	✗	✗
Resistance to Environment	✗	✓	✓	✓	✓