



# THE GUND COMPANY

MANUFACTURERS & FABRICATORS OF ENGINEERED MATERIAL SOLUTIONS

## G-Flex™ APA Flex Laminates

G-Flex™ APA flex laminate is The Gund Company's brand of flex laminated aramid paper and polyester film. The Gund Company has used its broad engineering and application knowledge along with extensive testing and global relationships to bring our customers the G-Flex™ APA flex laminate.

G-Flex™ APA flex laminate is manufactured from 100% aramid fibers paper, polyester film laminated together with a patented high temperature adhesive. It carries a Temperature Index (TI) of 210°C, a VTM-O Flame Rating, and full UL approval (File #: TBD). This flexible laminate offers higher inherent dielectric strength, mechanical toughness, flexibility, and resilience. Applications for G-Flex™ APA include stator slot liners, phase insulations, coil wrap, conductor wrap, and other insulation applications for the electrical industry.

### G-Flex APA Flex Laminate Benefits

- **Heat Resistance:** G-Flex™ APA has long-lasting thermal stability. It can be used for many hours at high temperatures while maintaining excellent dimensional stability. It will not embrittle, soften or melt when it is exposed temporarily at high temperatures of 300°C.
- **Flame Resistance:** It is inherently flame resistant. It does not self-burn or melt in the room air, no combustion-supporting, and has the property of self-extinguishing.
- **Electrical Insulation:** The meta-aramid fiber, plus the polyester film has very good electrical insulation properties. The dielectric strength of meta-aramid paper plus the polyester film can provide more than 20kv/mm.
- **Underwriters Laboratories (UL) recognized:** At 210°C insulation.
- **UL certified product:** File # TBD
- **Sold World-wide:** Directly from The Gund Company and readily available in 12 locations.
- **Excellent Properties:** Superior Dielectric Breakdown strength
- **Additional constructions are available upon request.**



### Common Applications for G-Flex™ APA Flex Laminates

- Slot Liners
- Phase Insulation
- Coil Wraps
- Wire Wraps
- Slit into Tape Width
- Pole Collars