



MANUFACTURERS OF  
**ELECTRICAL INSULATION MATERIALS**  
 INSULATING COMPONENTS FOR  
 POWER SYSTEMS EQUIPMENT

**TheGundCompany, Inc**  
 St. Louis, Missouri—USA  
 TEL-314.423.5200  
 FAX-314.423.9009

## MATERIAL DATA SHEET

**Item:** Polyester Laminate Tapes

**Description:** The two constructions of these laminates each offer unique properties. Paper/Polyester offers bulk, stiffness and is hand tearable. Polyester/Non-Woven offers excellent puncture resistance, conformability, and higher temperature performance with acrylic adhesives.

Part #	Backing	Total Thickness (mm)	Adhesive Type	Adhesion to Steel oz/in (N/cm)	Tensile Strength lbs/in (N/cm)	Elongation	Dielectric Strength Total Volts	Temp Rating °C
4426	4mil Polyester Rope Fiber	6.5	Rubber Thermosetting	50(5.5)	45(80)	4%	5500	130
4427	3.5mil Polyester Rope Fiber	6.0	Rubber Thermosetting	50(5.5)	40(70)	2%	4500	130
51578	3.5mil Polyester Rope Fiber	6.0	Rubber Thermosetting	60(6.6)	40(70)	2%	4500	130
51593	3.0mil Polyester Non-Woven	4.0	Acrylic	45(5.0)	25(44)	25%	4500	155
51595	3.5mil Polyester Non-Woven	4.5	Acrylic	45(5.0)	30(53)	30%	5000	155
51596	3.5mil Polyester Non-Woven	4.5	Rubber Thermosetting	50(5.5)	30(53)	30%	5000	130
51580	4mil Polyester Non-Woven	5.0	Rubber Thermosetting	45(5.0)	45(78)	25%	5500	130

All of the information, suggestions, and recommendations herein are based upon tests and data believed to be accurate; however, the final decision regarding the suitability of any material contemplated, the manner of such use, and whether the user infringes any patents is the sole responsibility of the user. There is no warranty, expressed or implied, including, without limitation, warranty of merchantability or fitness for a particular purpose. Under no circumstances shall we be liable for incidental or consequential losses or damages.

tions pertaining to the properties and uses of the products herein are based upon tests and data believed to be accurate; however, the final decision regarding the suitability of any material contemplated, the manner of such use, and whether the user infringes any patents is the sole responsibility of the user. There is no warranty, expressed or implied, including, without limitation, warranty of merchantability or fitness for a particular purpose. Under no circumstances shall we be liable for incidental or consequential losses or damages.

products herein are based upon tests and data believed to be accurate; however, the final decision regarding the suitability of any material contemplated, the manner of such use, and whether the user infringes any patents is the sole responsibility of the user. There is no warranty, expressed or implied, including, without limitation, warranty of merchantability or fitness for a particular purpose. Under no circumstances shall we be liable for incidental or consequential losses or damages.