



**TECHNICAL DATA SHEET**

## 6600 – DMD70 Class F 155°C Insulation

A series of flexible composites composed of non-woven polyester fiber mat and electrical grade polyester film laminated with a high-temperature adhesive system. 6600 DMD70 laminates have a porous, fibrous surface.

### APPLICATIONS

- Slot, liner, phase and turn-to-turn insulation for motors and generators.
- Layer and ground insulation for dry-type transformer

CATALOG NUMBER	NOMINAL THICKNESS (in)	DIELECTRIC STRENGTH (kV)	YIELD		TENSILE STRENGTH (psi)	
			yd <sup>2</sup> /lb	lb/yd <sup>2</sup>	MD	XMD
DMD70212	.005	5	4.8	0.21	40	40
DMD70222	.006	7	3.7	0.27	63	51
DMD70232	.007	8	2.9	0.35	80	60
DMD70242	.008	10	2.4	0.41	91	69
DMD70252	.009	11	2.1	0.48	114	86
DMD7027H2	.0115	16	1.5	0.65	171	114
DMD702102	.014	19	1.3	0.78	200	171
DMD702142	.016	23	0.97	1.0	228	200
DMD70333	.009	8	2.4	0.42	80	60
DMD70343	.010	10	2.0	0.49	103	69
DMD70353	.011	11	1.8	0.55	126	86
DMD7037H3	.0135	16	1.4	0.72	154	114
DMD703103	.016	19	1.1	0.88	171	171
DMD703143	.020	23	0.88	1.1	194	171

### STORAGE

- Shelf life: one (1) year from the date of shipment.
- Store in a clean area free from exposure to excessive heat, moisture, or direct sunlight (50°F to 80°F).

*Product performance will vary in each application and is dependent upon composite construction. Arlon Innovations does not guarantee the replication of this data by third parties. None of the data or statements contained herein is intended to warrant the performance of this product. Data is representative and not intended as a manufacturing specification.*