

Certification Record

CUSTOMER	CLASS	FILE
3M Company Electrical Markets Division 3M Austin Center Bldg 145-4S-02 6801 River Place Blvd Austin TX 78726-9000 USA	<u>9052-30</u> INSULATING DEVICES AND MATERIALS-Component - Transformer and Motor Insulation	093411_0_000
Refer to Class Description for program details		

- Insulating adhesive tapes for use in power and isolating transformers, ac motors, and in electronic equipment.

Requirements in Std (1) C22.2 No

No	Type	Layers TK (mm) (3)	Temp Class	Standards				
				CSA 1	CSA 66, 223	CSA 234, 950-95	IEC 65	IEC 950 Ed. 4
1	PET/ acrylic	2x0.10	130C	A(4)	A	A(4)	A(4)	A(4)
5	PET/ acrylic	2x0.06	130C	A(4)	A	A(4)	A(4)	A(4)
10	PET/ epoxy/ rubber	2x0.14	130C	A(4)	A	A (7,6)	A (4,6)	A (7,6)
SUPER 10	PET/ epoxy/ rubber	1 x 0.14	130C	A(4)	A	A(7)	A(4)	A(7)
20+	PET/ epoxy/ acrylic	2 x 0.14	130C	A(4)	A	A(7)	A(4)	A(7)
27	Glass cloth/ rubber	2x0.18 4x0.18	130C 130C	- A(5)	- A	A(4) A(4)	A(4) A(4)	A(4) A(4)
44	PET/ rubber	2x0.14	130C	A(4)	A	A(4)	A(4)	A(4)
46	PET/ rubber	1x0.18	130C	A(7)	A	A(4)	A(4)	A(4)
54	PET/ rubber	2x0.06	130C	A(4)	A	A(4)	A(4)	A(4)
55	PET/ rubber	1x0.19	130C	A(7)	A	A(7)	A(4)	A(7)
56	PET/ rubber	2x0.06	130C	A(4)	A	A(4)	A(4)	A(4)
69	Glass cloth/ silicone	2x0.18 0.178	180C	A(5)	A	A(4)	A(4)	A(4)
90	Glass cloth/ rubber	2x0.18 4x0.18	155C 155C	- A	- A	A (4,6) A (4,6)	A (4,6) A (4,6)	A (4,6) A (4,6)
1169	PET/ rubber	2x0.06	130C	A(4)	A	A(4)	A(4)	A(4)
1298	PET/ acrylic	2x0.06	130C	A(4)	A	A(4)	A(4)	A(4)

1339	PET/ acrylic	2x0.18	130C	A(4)	A	A(4)	A(4)	A(4)
1350	PET/ acrylic	2x0.06	130C	A(4)	A	A(7)	A(4)	A(7)
1350T-1	Triple layer PET/ acrylic	1x0.08	130C	A(10)	A	(A10)	A(10)	A(10)
1554	Acetate cloth/ acrylic	3x0.21	130C	A(8)	A	A(5)	A(5)	A(5)
MR94B	Poly- ester/ rubber	2x0.114	130C	A(9)	A	A(7)	A(4)	A(7)
Super 20	PET/ epoxy/ acrylic	1x0.136	155C	A(7)	A	A(7)	A(7)	A(7)
44-18	PET/ rubber	2x0.228	130C	A(4)	A	A(4)	A(4)	A(4)
46S	Poly- ester/ glass filament rubber	1x0.196	130C	A(4)	A	A(8)	A(4)	A(8)

Notes:

1. See Component Acceptance Notice 15A.
2. "A" indicates compliance with all of the requirements listed on the Lead Record.
3. The "TK" is total nominal thickness including adhesive.
4. Three layers are required for reinforced insulation.
5. Five layers are required for reinforced insulation.
6. Passes CTI 600V Class per IEC 112.
7. Two layers are required for reinforced insulation.
8. Six layers are required for reinforced insulation.
9. Four layers are required for reinforced insulation.
10. One layer meets reinforced insulation.

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