

BASE INSULATIONS - FLEXIBLE INSULATIONS

DACRON* MYLAR* DACRON* HERMETIC APPROVED CLASS F (155°C)

DMD is a combination of polyester mat on both sides of polyester film. The polyester film provides the dielectric strength while the polyester mat provides the mechanical strength. The polyester mat on both sides is fully saturated with a hermetically stable epoxy resin to impart smooth abrasion-resistant surfaces.

Mil spec MIL-I-22834.
MIL-E-917D (NAVY)



NOMINAL THICKNESS (IN.)	DIELECTRIC STRENGTH VOLTS/MIL	TEAR RESISTANCE		SHEET 24X36 INCHES	ROLLS 36 IN. X 36 YDS	CUFFED COILS
		MD1	XD1			
0.006	9,000	8#	5#	DM-2-2-2-SH	DM-2-2-2-RL	
0.009	8,900	12#	9#	DM-3-3-3-SH	DM-3-3-3-RL	
0.011	12,000	18#	13#	DM-3-5-3-SH	DM-3-5-3-RL	ADMD-3-5-3-***
0.014	15,000	25#	20#	DM-3-7.5-3-SH	DM-3-7.5-3-RL	
0.014	9,300	17#	11#	DM-5-3-5-SH	DM-5-3-5-RL	
0.0154	14,000	22#	15#	DM-5-5-5-SH	DM-5-5-5-RL	ADMD-5-5-5-***
0.016	19,800	25#	24#	DM-3-10-3-SH	DM-3-10-3-RL	
0.020	17,600	34#	26#	DM-5-10-5-SH	DM-5-10-5-RL	

*** Insert Width Between Cuffs In 1/8" Increments (I.E. ADMD-5-5-5-7-1/4)

Cuffed Coils Are 1500 Inches Long MD1 = Machine Direction XD1 = Cross Machine Direction Slit Rolls Are Available For All Flexible Insulation. Call For Price And Availability.

RAG-MYLAR*-RAG CLASS A (105°C)

Paper/polyester film composites are available in both two and three ply combinations. Two ply combinations are normally used in small units where the optimum space savings is desired. Three ply combinations are typically used in larger units where the mechanical protection of the film is important and space is not a problem.

Mil spec MIL-I-19632.



NOMINAL THICKNESS (IN.)	DIELECTRIC STRENGTH VOLTS/MIL	TEAR RESISTANCE		SHEET 24X36 (IN.)	ROLLS 36 IN. X 36 YDS	CUFFED COILS
		MD1	XD1			
0.007	8,000	9#	7#	CM-5R-2M-SH	CM-5R-2M-36IN	ARM-52-***
0.009	9,000	10#	8#	CM-7R-2M-SH	CM-7R-2M-36IN	
0.012	9,000	14#	11#	CM-10R-2M-SH	CM-10R-2M-36IN	
0.012	9,500	15#	13#			ARMR-5-1-5-***
0.013	12,740	21#	16#	CM-5R-2M-5R-SH	CM-5R-2M-5R-36IN	
0.014	10,000	28#	14#	CM-5R-3M-5R-SH	CM-5R-3M-5R-36IN	
0.017	12,000	30#	23#	CM-7R-2M-7R-SH	CM-7R-2M-7R-36IN	
0.023	12,200	30#	23#	CM-10R-2M-10R-SH	CM-10R-2M-10R-36IN	

*** Insert width between cuffs in 1/8" increments (i.e. ARMR-5-1-5-6-3/4)

Cuffed Coils are 3000 inches long MD1 = Machine Direction XD1 = Cross Machine Direction . Other Sheet Sizes And Slit Rolls Are Available For All Flexible Insulation. Call for Price And Availability.

COPACO/RAG CLASS A (105°C)

Copaco electrical insulating papers are 100% rag stock papers expressly designed for the most exacting electrical uses. They are made from high grade "New Cotton Cuttings" highly refined to insure maximum purity and physical strength.



NOMINAL THICKNESS (IN.)	DIELECTRIC STRENGTH VOLTS/MIL	TEAR RESISTANCE		SHEET 24X36 (IN.)
		MD1	XD1	
0.005	300	180	220	CP-005-24X36-SH
0.007	300	280	380	CP-007-24X36-SH
0.010	300	550	700	CP-010-24X36-SH
0.015	300	850	1200	CP-015-24X36-SH
0.020	300	1400	1700	CP-020-24X36-SH
0.025	300	1600	2200	CP-025-24X36-SH
0.030	300	1600+	2200+	CP-030-24X36-SH

MD1 = Machine Direction XD1 = Cross Machine Direction Other Sheet Sizes And Slit Rolls Are Available For All Flexible Insulation. Call for Price And Availability.

PYROMID 180 CLASS H (180°C)

Pyromid 180 is a combination of nonwoven aramid mat on both sides of polyester film which looks and handles like DMD, but with higher temperature resistance. It is supplied 100% saturated with a fully cured, hermetically stable epoxy resin.



NOMINAL THICKNESS (IN.)	DIELECTRIC STRENGTH VOLTS/MIL	TEAR RESISTANCE		SHEET 24X36 (IN.)	ROLLS 36IN.X36YDS.
		MD1	XD1		
0.0085	10,000	6	4	P180-2-3-2-24X36	P180-2-3-2-36IN
0.0105	14,000	10	7	P180-2-5-2-24X26	P180-2-5-2-36IN
0.013	20,000	14	13	P180-2-7.5-2-24X36	P180-2-7.5-2-36IN
0.0152	21,000	19	16	P180-2-10-2-24X36	P180-2-10-2-36IN
0.019	27,000	28	28	P180-2-14-2-24X36	P180-2-14-2-36IN
0.010	10,000	10	7	P180-3-3-3-24X36	P180-3-3-3-36IN
0.012	13,000	13	10	P180-3-5-3-24X36	P180-3-5-3-36IN
0.015	18,000	20	15	P180-3-7.5-3-24X36	P180-3-7.5-3-36IN
0.017	23,000	24	21	P180-3-10-3-24X36	P180-3-10-3-36IN
0.0215	27,000	37	32	P180-3-14-3-24X36	P180-3-14-3-36IN

MD1 = Machine Direction XD1 = Cross Machine Direction Other Sheet Sizes And Slit Rolls Are Available For All Flexible Insulation. Call for Price And Availability.