INSULATION & THERMAL MATERIALS

Metamax MetaMax ArMar (AR30S) Composite Laminated Paper Class F

No.	Stock Code	Size (MM)	Width (MM)	Packing (KGS)	Price (RM)
1	PNMNMETA020	0.20	1,000	± 50	
2	PNMNMETA025	0.25	1,000	± 50	
3	PNMNMETA030	0.30	1,000	± 50	
4	PNMNMETA035	0.35	1,000	± 50	



Description: **ArMAr Laminates** is a three-ply flexible laminate consisting of PET film, covered on both sides with **AR30S paper**. It shows high thermal resistance, excellent mechanical properties, and electrical properties. It was designed for automatic insertion machine.

Application: **ArMAr Laminates** is mainly used as a slot liner, slot closure , phase to phase and turn to turn insulation in low or medium voltage electrical motors of **Class F (155°C)** insulation system. In addition, it is also used as interlayer insulation in transformers and other electrical machines and appliance.

Techinical Data:

Nominal Thickness	Thickness Tolerance	Area weight	Tensile strength		Elongation		Breakdown Voltage
			MD	TD	MD	TD	
mm	mm	g/m²	N/cm	N/cm	%	%	KV
0.16	±0.02	165	150	90	15	20	9
0.18	±0.02	200	160	105	15	20	11
0.20	±0.02	230	190	120	15	20	12
0.25	±0.03	280	230	180	20	20	14
0.30	±0.03	350	270	220	20	20	17
0.36	±0.04	430	330	260	20	20	20
0.40	±0.04	500	350	300	20	20	22
0.45	±0.04	570	400	350	20	20	23