

## Class 240 Aromatic Polyimide Tape Covered Bare Rectangular Aluminum Magnet Wire

**Table 1 Specifications**

Insulation Material	Aromatic polyamide paper
Heat Rating	240
Bare Wire Dimensions	Width: 2.057-16.535 Thickness: 1.016-7.341
Certificate	UL
Standard	MW 64-A



**Table 2 Properties**

Adhesion and Flexibility	No loss of adhesion between tape and conductor or between tape layers
Springback	Not more than 5.5°
Dielectric breakdown	Not less than 1000 V/mil (39370 V/mm) of the smallest thickness on one side of the tape cover (half the minimum increase)

**Table 3**

Increase in Dimensions of Rectangular Wire Due to Tape Covering

N	t = 0.0015 in (0.038 mm)				t = 0.002 in (.051 mm)				t = 0.003 in (.076 mm)			
	Minimum		Maximum		Minimum		Maximum		Minimum		Maximum	
	Inches	mm	Inches	mm	Inches	mm	Inches	mm	Inches	mm	Inches	mm
2	0.005	0.127	0.009	0.229	0.007	0.178	0.012	0.305	0.010	0.254	0.018	0.457
3	0.008	0.203	0.012	0.305	0.010	0.254	0.016	0.406	0.015	0.381	0.024	0.610

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