

Class 240 Aromatic Polyimide Tape Covered Bare Rectangular Copper Magnet Wire

Table1 Specifications

Insulation Material	Aromatic polyamide tape
Heat Rating	240
Bare Wire Dimensions/ (mm)	Width: 2.057-16.535 Thickness:1.016-7.341
Standard	MW 64-C



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)

Features:

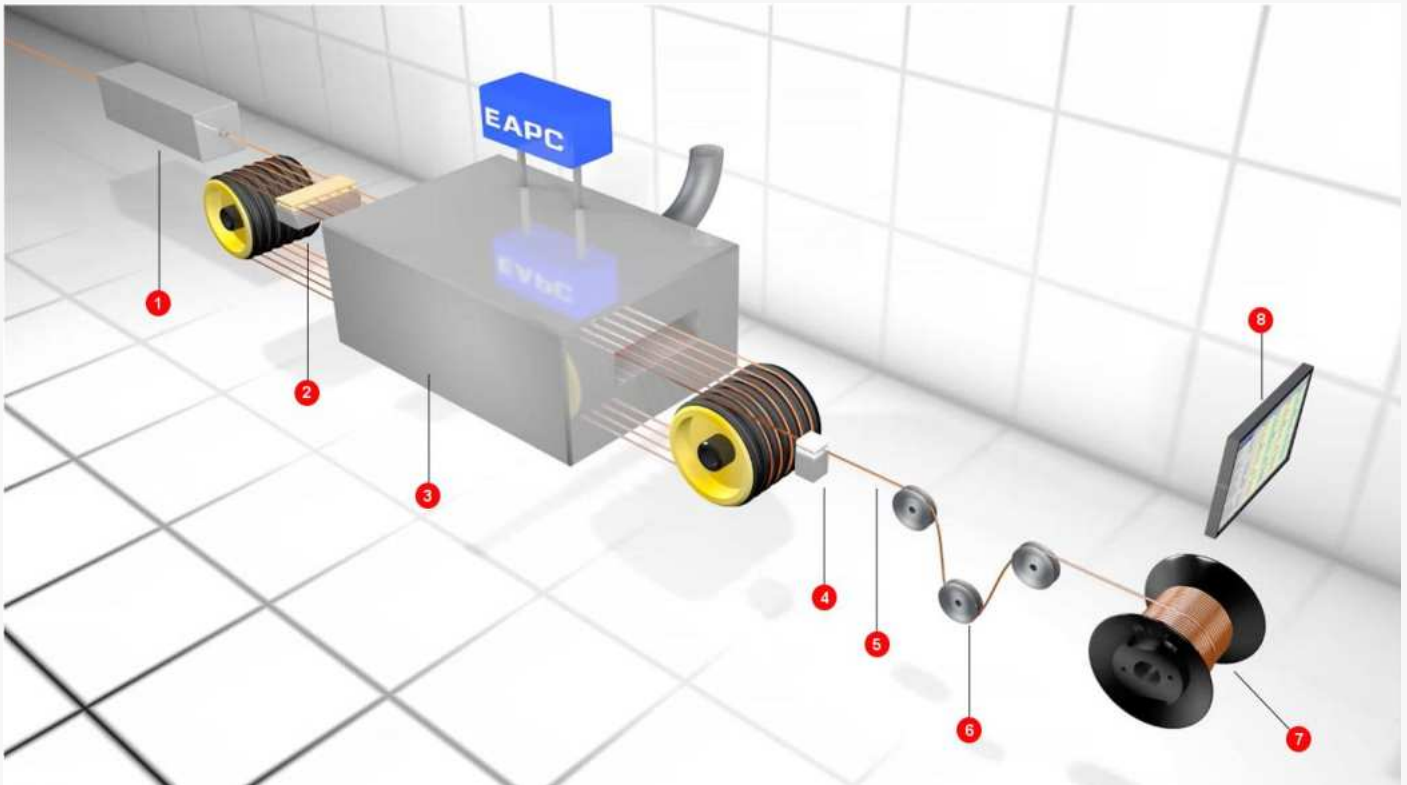
- High temperature stability
- Excellent insulation performance
- Good mechanical properties
- Bare rectangular copper conductor
- Dimensional stability

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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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