

Class 120 Polyvinyl Acetal Heavy and Quadruple Rectangular and

Square Aluminum Magnet Wire

Table 1 Specifications	
Insulation materials	The coating is based on a blend of polyvinyl acetal and phenolic resins.
Thermal Class	120
Diameter	rectangular:
	increase in width:
	heavy: min:0.064mm;max:0.114mm; quad:min:0.102mm;max:0.152mm
	increase in width:
	heavy: min:0.076;max:0.127mm; quad:min:0.127mm;max:0.178mm
	square:
	AWG:1-14
	Heavy: min:0.08mm; max:1.781mm-7.549mm
	quadruple: min:0.127mm; max:1.831mm-7.600mm
Certificate	MW-87A

Table 2 Properties

Adherence And Flexibility	No cracks visible in the film coating after 15 percent elongation
Elongation	Not less than 15%
Heat Shock	No cracks visible in the film coating after 10 percent elongation followed
	by conditioning at 175 ±3°C
Completeness Of Cure	No swelling or blistering visible in the film coating



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