

## Class 120 Polyvinyl Acetal Heavy and Quadruple Rectangular and Square Copper Magnet Wire

Table 1 Specifications

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

Table 2 Properties

Adherence And Flexibility	No cracks visible in the film coating after 15 percent elongation
Elongation	Not less than 32% for a thickness less than 1.25 mm and greater or 30 percent for a thickness less than 1.25 mm
Heat Shock	No cracks visible in the film coating after 10 percent elongation followed by conditioning at 175 ±3°C
Springback	Not greater than 5°

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