

## Class 105 Paper-Covered Bare Round Copper Wire

Table1 Specifications

Insulation materials	rope paper, kraft paper, or both
Thermal Class	105
Dimensions	8-32 AWG
Certificate	MW-5C



Table 2 Properties

Adherence and flexibility	when wound on the following mandrel :								
	<table border="1"> <thead> <tr> <th>AWG Size</th> <th>Mandrel Size</th> </tr> </thead> <tbody> <tr> <td>8-13.5</td> <td>5d</td> </tr> <tr> <td>14-22.5</td> <td>4d</td> </tr> <tr> <td>23-32</td> <td>3d</td> </tr> </tbody> </table>	AWG Size	Mandrel Size	8-13.5	5d	14-22.5	4d	23-32	3d
	AWG Size	Mandrel Size							
	8-13.5	5d							
	14-22.5	4d							
23-32	3d								
After elongation:									
<table border="1"> <thead> <tr> <th>AWG Size</th> <th>Elongation Method</th> </tr> </thead> <tbody> <tr> <td>8-13.5</td> <td>15% (+2, -0)</td> </tr> <tr> <td>14-22.5</td> <td>10% (+2, -0)</td> </tr> <tr> <td>23-24</td> <td>8% (+2, -0)</td> </tr> </tbody> </table>	AWG Size	Elongation Method	8-13.5	15% (+2, -0)	14-22.5	10% (+2, -0)	23-24	8% (+2, -0)	
AWG Size	Elongation Method								
8-13.5	15% (+2, -0)								
14-22.5	10% (+2, -0)								
23-24	8% (+2, -0)								
Minimum Percent Elongation	Not less than the value 24%								
Springback	Not greater than 5°								



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