

Class 155 Polyester Glass Fiber Covered Insulated Round Copper Magnet Wire

Table1 Specifications

Insulation Material	Polyester/Fiberglass
Heat Rating	155
Size	Single: 4/0–30 AWG
	Double:4/0–30 AWG
Certificate	UL



Table 2 Properties

Adhesion and Flexibility	The covering shall not open sufficiently to expose bare or film-insulated wires after bending of a mandrel of the following		
	dimensions:		
	AWG Size	Mandrel Diameter	
	4-9.5	10d	
	10-30	5d	
	When the specimen is elongated 25% or to its breaking point,		
	whichever is less, the covering shall not loosen, wear or lose		
	adhesion except at the breaking point.		
Elongation	A value no less than 5-25		
Springback	4/0-13 AWG polyester fiberglass covered bare wire: no greater		
	than 5°		
	4–13 AWG polyester fiberglass of	overed film insulation: no greater	
	than 5.5°		



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Table 2 Properties

Dielectric breakdown	AWG Size	Minimum	
		Breakdown, Volts*	
		Single	Double
	4-9.5	150	270
	10.23.5	360	540
	24-30	225	400

Features:

Heat resistance

Corrosion resistance

Surface smoothness

Good insulation performance

Wide applicability

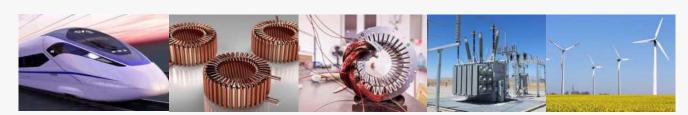
Application areas:

Motors and electrical appliances

Instruments and equipment

Enhance structural strength

Anti-corrosion and waterproofing





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