

Class 155 polyester fiberglass covered insulated square magnet wire

Table1 Specifications

Insulation Material	Polyester/Fiberglass
Heat Rating	155
Size/mm	1.603mm-7.422mm
Insulation thickness	Single Double
Standard	MW 55-C



Table 2 Properties

Adhesion and Flexibility	<p>Single or Dual Layer with Primer: No visible cracks in the film insulation after 20% elongation. Inspect with normal vision without removal of the polyester fiberglass cover.</p> <p>Dual Layer Unprimed Film: Minimum thickness of the polyester fiberglass cover on one side not less than 75 V/mil (2950 V/mm)</p> <p>Note: Minimum thickness of the polyester fiberglass cover is 35% of the maximum dimension increment</p> <p>Rectangle: Table18</p>
Elongation	32% or more for thicknesses 0.049 inches (1.25 mm) and above, and 30% or more for thicknesses less than 0.049 inches (1.25 mm)
Springback	<p>Polyester fiberglass covered bare wire: not more than 5°</p> <p>Polyester fiberglass covered thick film insulation: not more than 5.5°</p>

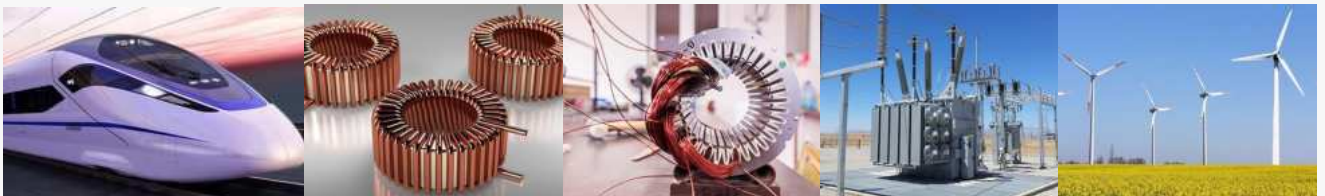
Class 155 polyester fiberglass covered insulated square magnet wire

Table3 Dielectric breakdown

Single				Double		
Thick film coated single layer polyester glass covering	Minimum	0.178mm-0.229mm	Bare	Double Glass	Minimum	0.203mm-0.305mm
	Increase/mm				Increase/mm	
	Maximum	1.930mm-8.661mm	Covered	Double Glass	Maximum	1.930mm-8.738mm
Overall/mm		Overall/mm				
			Heavy Film-Insulated	Double Glass	Minimum	0.279mm-0.381mm
					Double Glass	Increase/mm
			Covered	Double Glass	Maximum	2.507mm-8.865mm
					Overall/mm	

Table 4

Square AWG Size		1-14AWG
Bare wire size	Minimum/mm	1.603mm-7.275mm
	Nominal/mm	1.628mm-7.348mm
	Maximum/mm	1.654mm-7.422mm
Radius (±25%) nominal		0.40 ±25% -1.0±25%



lp-industry

WhatsApp 商业帐号



郑州蓝普实业有限公司

Zhengzhou LP Industry CO., LTD.

Phone: 0086-19337889070

Web: <https://lpwindingwire.com>

Email: office@cnlpzz.com

Add: NO. 86 Jingsan Road, Jinshui District, Zhengzhou, China