

Customer coding	Product Specification	Product Type:JG-10000V
Yuanda Number-Page2	Flexible lead wire	Version:1.1
		Page:Total 4 pages ,Page1

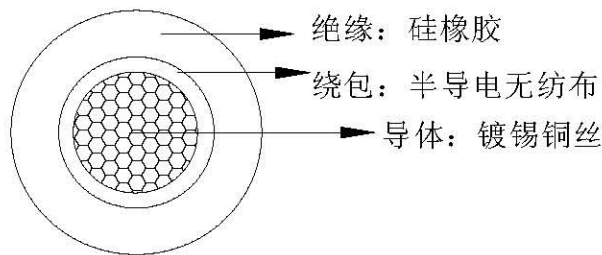
Flexible lead wire for windings of silicone rubber insulation electrical machinery

JG-10000V Specification

1、Application scope

This specification is applied for continuous operation conductor that conforms to JB/T6213.4, manufacture of machine winding flexible cable with working voltage 10000V, and the confirmation of the product.

2、Product Structure Diagram



3、Printing content

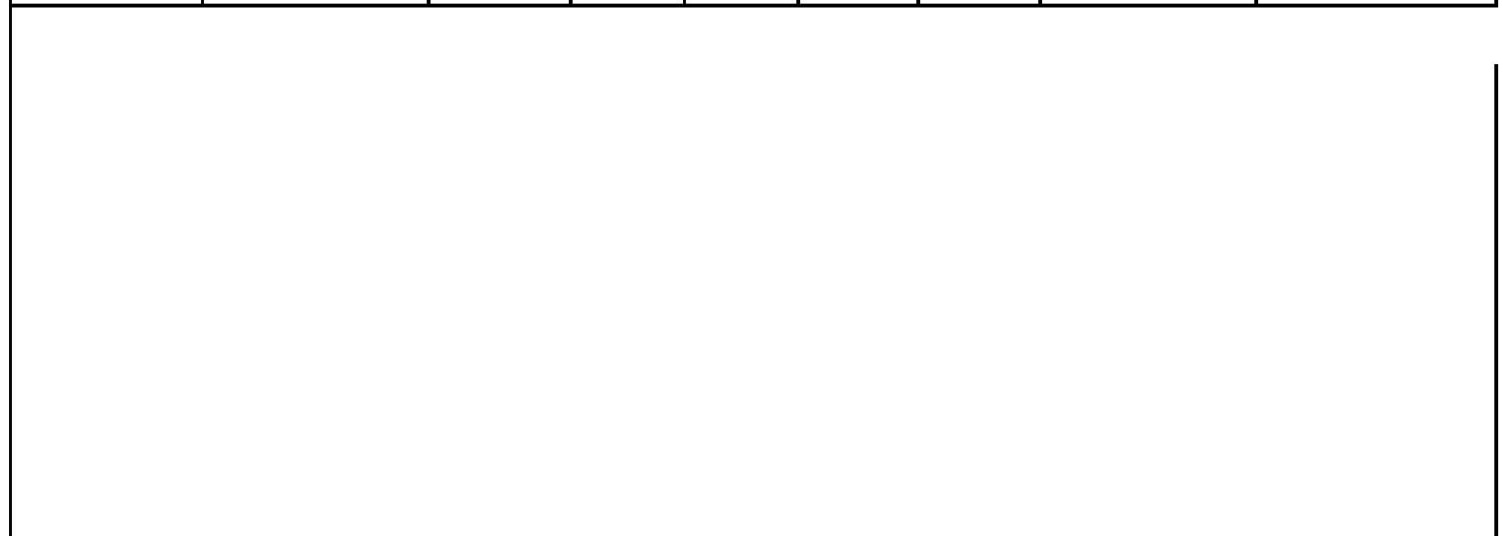
JG 10000V (1*standard mm2) JB/T6213.4-2006 JIANG YIN YUAN DA

	Jiangsu Yuanda	Prepared by:	Reviewed by:	Approved by:
release date:	2012. 07. 08	符江华	符江华	薛建忠

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3、The size of the Flexible lead wire

Conductor			Thickness (mm)		O.D (mm)		Max resistance at 20°C	Remark
Cross-section (mm ²)	Conductor construction NO. / D	diameter (mm)	Nom	Min	Nom	Max	Tinned copper	
25	196 / 0.40	7.1	7.6	6.74	22.3	24.1	0.795	Semi conductive fabric
35	276 / 0.40	8.5	7.6	6.74	23.7	25.5	0.565	
50	396 / 0.40	10.3	7.6	6.74	25.5	27.3	0.393	
70	560 / 0.40	12.2	7.6	6.74	27.4	29.4	0.277	
95	760 / 0.40	14.2	7.6	6.74	29.4	31.5	0.21	
120	960 / 0.40	16.2	7.6	6.74	31.4	33.3	0.164	
150	1194/0.40	18	7.6	6.74	33.2	35.3	0.132	
185	1443/0.40	20	7.6	6.74	35.2	37.3	0.108	
240	1924/0.40	23	7.6	6.74	38.2	40.3	0.0817	



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4. Colour				
According to the customer's requirement				
5. Characteristic				
Test Content	Characteristic Requirements	Test Method	Test Frequency	
Appearance	Color uniformity, the surface is smooth without coarse .	Look and feel with the hand	Full Inspection	
Conductor Construction	Conform to the requirements in Table 3	Micrometer, caliper		
Insulation Thickness				
Outer diameter				
Resistance				
Voltage Test	1h, 35kv, last 5 minutes no breakdown	GB / T3048. 8	Random Inspection every batch	
Tensile Strength before aging	$\geq 5.0\text{MPa}$	GB / T2951		
The elongation at break	$\geq 150\%$	GB / T2951		
Tensile Strength after aging	200 \pm 2 $^{\circ}\text{C}$, 10 \times 24h $\geq 4.0\text{MPa}$	GB / T2951	One Inspection every year or the time changing the material	
The elongation at break	200 \pm 2 $^{\circ}\text{C}$, 7 \times 24h $\geq 120\%$	GB / T2951		
Heat Stretch	200 \pm 3 $^{\circ}\text{C}$, 15min, 0.2MPa	GB / 2951.5		
Bending Test	Bending 1.5 \sim 2.5D, 6kv, last 1 minute no breakdown	JB / 6213.1		
Heat Effect Test	250 $^{\circ}\text{C}$, 48h;6kv, last 1 minute no breakdown	JB / 6213.1		
Solvent Resistance Test	250 $^{\circ}\text{C}$, 24h, Soaking for 1h;6kv, last 1 minute no breakdown	JB / 6213.1		
Immersion Resistance Test	250 $^{\circ}\text{C}$, 24h, Soaking for 1h;6kv, last 1 minute no breakdown	JB / 6213.1		
Wear Resistant Mark	Dabbing by the Soggy Resin Cotton 10 times, the mark is still legible.	GB6995	Random Inspection every batch	
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6、Packaging

6.1 Coil packaging:0.5mm²—2.5mm²:200m into a coil

4.0mm²—35mm²:100m into a coil

50mm²—120mm²:50m into a coil

According to the agreement

6.2 Disc packaging:According to the agreement ,the goods can be delivered by wooded pallet or ironwooded pallet.

6.3

a. Product Factory

b. Product Specification

c. Nominal voltage (V)

d. Length (M)

e. Production Date:

f. Checker , ID

g. Standard Number

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