



PRODUCT DESCRIPTION

KIRAAG 701 Acrylic Coated Fiberglass Sleeving is made from non-alkali tight Fiberglass braiding that has been thermoplasticized with a special grade Acrylic resin to produce a durable and flexible sleeving capable of withstanding mechanical stress while retaining die-electric properties. It has excellent resistance to alkalis and is resistant to an array of elements, including water, acids, oils, and solvents.

PROPERTIES

SLEEVING MATERIAL

Fiberglass Multifilament and Acrylic Resin

THERMAL CLASS

Class - F

OPERATING TEMP

-30°C to +155°C (Peak +180°C)

SIZES

0.5mm to 50mm

FLAMMABILITY

VW-1 (UL Grade-A)

EXPANDABILITY

1:1.5

STANDARD COLOR

Natural & Black, Other Colors on request

SHELF LIFE *(Under Recommended Storage conditions)*

More than 10 years

DIELECTRIC STRENGTH

A - Min 7000 Volts

B - Min 4000 Volts

C - Min 2500 Volts

FEATURES

- Superior Electrical Properties
- Excellent Low Temperature Flexibility
- Flame Retardant and Insulation performance
- High level Thermal Protection
- Mechanical & Chemical Resistance
- Oil Resistance
- Halogen Free
- High Flexibility

STANDARDS

- IEC 60684
- UL - 1441
- BS 2848
- NEMA
- ASTM D - 350
- ASTM D - 372

CORE APPLICATIONS

- Rotation Machine Core Insulation
- Instrumental Panel Harness
- Engine Compartment Harness
- Standard Wire Harness.
- Motor and Generator Lead Wire protection.
- Tubing
- Dry and Oil Filled Transformers Lead wire protection

COMPLIANCES



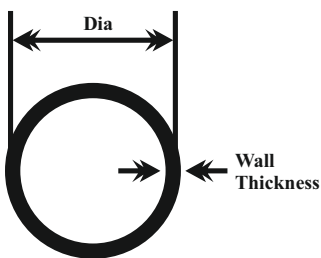
UL File No.: E491961
UL Part Code: AG 701



TECHNICAL CHARACTERISTICS

Sl. No	PROPERTIES	REF. SPECIFICATIONS	RESULT
1.	Heat Resistance	UL1441: 7 days at +265 °C 60 days at +235 °C	No cracks or detachment of coating were visible and the original colors were clearly recognizable
2.	Cold Resistance	UL 1441 IEC 60684	No cracks or detachment of coating were visible.
3.	Chemical Resistance	Simulation of real operating conditions	Compatible with most insulating varnishes and transformer oils
4.	Flammability	Flame propagation: IEC60684 Part2 Clause 26. Method B-Vertical without mandrel UL1441	Extinguishes within 60 seconds. Self-extinguishing VW-1
5.	Insulation Resistance	IEC 60684	10 ⁵ MΩ
6.	Hydrolysis of Coating	IEC 60684	There was no burning of the coating or any sign of de-colorisation of the Sleeve Coating.
7.	Bending (Flexibility) (Low Temp./Ageing/ Max. Temp.)	IEC 60684	No cracks or detachment of coating were visible and the original colors were clearly recognizable

DIMENSIONS



Inner Dia	Dia Tolerance	Wall Thickness	Standard Packing
0.5mm	± 0.2mm	0.50mm ± 0.20mm	100 Mtrs
1.0mm	± 0.3mm		
2.0mm			
3.0mm			
4.0mm			
5.0mm	± 0.5mm		
6.0mm			
8.0mm			
10.0mm			
12.0mm	± 1.0mm	0.65mm ± 0.20mm	50 Mtrs
14.0mm			
16.0mm			
20.0mm			
25.0mm			

(*)Other diameters and colors supplied upon request.