TEX SILICONE COATED FIBERGLASS SLEEVING

KIRATEX 1102

PRODUCT DESCRIPTION

KIRATEX 1102 is an aluminum-coated insulative fiber glass sleeving made of fiberglass multifilament. Its components are made to tolerate high temperatures, but they also need to stay at a constant temperature in order to function well and provide good insulation.

PROPERTIES

SLEEVING MATERIAL
TEX Fiberglass Filament and Silicone Resin

THERMAL CLASS
Class - H

OPERATING TEMP
-60°C to +250°C

SIZES
0.5mm to 50mm

FLAMMABILITY
VW – 1

STANDARD COLOR
Grey

SHELF LIFE *(Under Recommended Storage conditions)*
More than 25 years

FEATURES

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

CORE APPLICATIONS

- Alternator core winding
- Instrumental Panel Harness
- Engine Compartment Harness
- Modular Wire Harness
- Motor and Generator Lead Wire protection
- Tubing
- Oil Filled Transformers Lead wire protection

STANDARDS

- IEC 60684
- UL - 1441
- BS 2848
- NEMA
- ASTM D - 350
- ASTM D - 372
- JIS C - 2347

COMPLIANCES

RoHS COMPLIANT   REACH COMPLIANT   CE   UL

UL File No.: E324343
UL Part Code: SRG 001

KIRAN

TECHNICAL CHARACTERISTICS

Sl. No	PROPERTIES	REF. SPECIFICATIONS	RESULT
1.	Heat Ageing / Temp. Rating	240Hrs for 250°C	Visually no sign of degradation or no changes
2.	Thermal Effectiveness Test	SAE J 2302	Visually no sign of degradation or no changes
3.	Low Temp. Flexibility	SAE J 2192	Pass
4.	Fluid Resistance	D47 1924	Pass
5.	Flammability	FMVSS 302 D45 1333	Self-Extinguishable

DIMENSIONS
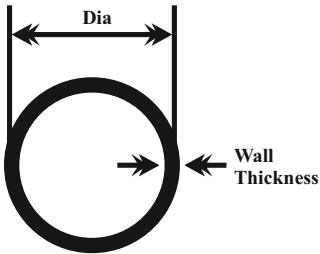
Inner Dia	Dia Tolerance	Wall Thickness	Standard Packing
0.5mm	± 0.2mm		
1.0mm	± 0.3mm		
2.0mm			
3.0mm			
4.0mm	± 0.5mm	0.50mm ± 0.20mm	100 Mtrs
5.0mm			
6.0mm			
8.0mm			
10.0mm			
12.0mm	± 1.0mm	0.65mm ± 0.20mm	50 Mtrs
14.0mm			
16.0mm			
20.0mm			
25.0mm	± 2.0mm		
(*)Other diameters and colors supplied upon request.			