



PRODUCT DESCRIPTION

The KIRA HL SRG 1020 Fire Sleeve with Velcro is a robust and adaptable solution that shields vital parts from elevated temperatures and possible fire risks in settings such as engine compartments. Its high-temperature resistance and Velcro edge make it an invaluable tool in applications and sectors where heat protection is crucial. For brief periods of time, the sleeve can tolerate temperatures as high as 1650°C, and it can bear direct, continuous heat up to 260°C. In severe circumstances, this degree of heat resistance is essential for insulating and safeguarding wires, fuel lines and oil lines.

PROPERTIES

SLEEVING MATERIAL

Fiberglass Filament and Silicone Resin

THERMAL CLASS

Class - H

OPERATING TEMP

-60°C to +260°C
(Peak +1093°C for 15 - 20 Mins)

SIZES

6mm to 100mm

FLAMMABILITY

VW-1

STANDARD COLOR

Red Oxide & Black,
Other Colors on request

SHELF LIFE *(Under Recommended Storage conditions)*

More than 25 years

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

CORE APPLICATIONS

- Protective covering for cables, ropes and hoses
- Sheath for bundling of multiple wires
- Insulation covering to prevent heat loss from hot metal hoses and piping
- Steel Mills, Nonferrous smelting mills, Fuel supply lines, Welding applications, Steam, hot water and hot oil lines, Hoses and cables close to furnaces, boilers, engines etc
- Thermal insulation covering hoses and piping means reduced energy costs

STANDARDS

- IEC 60684
- BS 2848
- UL 1441
- IS 7016

COMPLIANCES



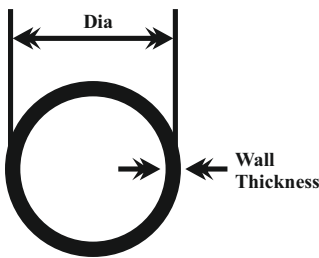
UL File No.: E324343
UL Part Code: SRG 001



TECHNICAL CHARACTERISTICS

Sl. No	PROPERTIES	REF. SPECIFICATIONS	RESULT
1.	Temp. Rating	ASTM D 3418 +400 °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 UL 1441, UL 94	Extinguishes within 60 seconds. Self-Extinguishable V-0
5.	Thermal Conductivity	ASTM E 1530	0.10 w/m ³ k
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.)	IS 7016	Pass - No cracks or detachment of coating were visible and the original colors were clearly recognizable

DIMENSIONS



Inner Dia	Dia Tolerance	Wall Thickness	Standard Packing
6.0mm	± 0.5mm	Min. 2.0mm (or) Min. 3.00mm (On Requirement)	25 Mtrs
8.0mm			
10.0mm			
12.0mm	± 1.0mm		
15.0mm			
20.0mm			
25.0mm	± 2.0mm		
30.0mm			
35.0mm			
40.0mm			
50.0mm			
60.0mm	± 3.0mm		
70.0mm			
80.0mm			
90.0mm			

(*Other diameters and colors supplied upon request.