

## LIST OF OUR END USER CUSTOMERS

### AUTO END CUSTOMERS



### PANEL & SWITCH BOARD END CUSTOMERS



### APPLIANCES END CUSTOMERS



# SRINI LINK<sup>®</sup>

## WIRES & CABLES

Estd. 02-04-1997



We are,  
ONE for ALL



**SRINI LINK** Fire Retardant (FR) Building Wires, are one of the best protector against current sparking and fire.

**SRINI LINK** FR Building Wires are manufactured by keeping all the aspects & specification of ISI & International standards, which makes our cable one of the best product for your home & office.

Use **SRINI LINK** FR Building Wires for durability & safety.



# ECO FRIENDLY RoHS COMPLIANCE

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**FR WIRES** : Fire Retardant – RoHS PVC Insulated Building Wires

**Application:** FR Building wires are mainly used in **House, Commercial & Industrial Building, etc** for internal, external & concealed wiring and also in panel boards wiring & electricity distribution board wiring.

**Conductor:** With Bright-annealed EC grade copper with **99.90 to 99.97 % purity**, which offers low conductor resistance, lower heating and save the power consumption.

**RoHS Insulation :** The PVC insulation formulation is of TYPE A, TYPE C & TYPE D category. Along with maintaining Standard required concentration of oxygen & temperature index along with better insulation resistance and di-electric strength, which helps in :

- Where ever due to electrical spark flame take place, its Oxygen index and temperature index doesn't allow flame to prolong further.

**TECHNICAL SPECIFICATION FOR FR /FR-LSH/ZHFR or HFFR Building Wires**  
(Generally conforming to IS : 694 : 2010)

Technical Specification as per IS : 694 : 2010							
Nominal Area of conductor	Number / Diameters of Wires	Nominal Thickness of Insulation	Max Conductor Resistance/km @20° C	Current Carrying Capacity in Amps. as per IS:3961			
				On Cable Tray		Concealed Wiring	
Sq.mm	mm	mm	Ohms / Class	Single Phase	Three Phase	Single Phase	Three Phase
0.50	16 / 0.2	0.6	39.00 / 5	4	-	-	-
0.75	24 / 0.2	0.6	26.00 / 5	7	7	-	-
1.00	14/0.3 or 32/0.2	0.7	18.10/2 or 19.50/5	12	12	11	9
1.50	22/0.3 or 30/0.25	0.7	12.10/2 or 13.30/5	16	15	13	11
2.50	36/0.3 or 50/0.25	0.8	7.41/2 or 7.98/5	22	20	18	16
4.00	56 / 0.3	0.8	5.09 / 5	29	26	24	20
6.00	84 / 0.3	0.8	3.39 / 5	37	33	31	25
10.00	140 /0.3	1.0	1.91 / 5	51	45	42	35
16.00	126 / 0.4	1.0	1.21 / 5	68	61	57	48

**TYPE TEST: FOR FR PVC**

Test	Function	Specification	Typical Values - Flame guard
Critical Oxygen Index	To determine percentage of oxygen required for supporting combustion of insulating material at room temperature	IS 694	More than 29%
Temperature Index	To determine at what temperature normal oxygen content 21% in air will support combustion of insulating material	IS 694	More than 250°C.

Working Voltage : **upto 1100 V**  
 Colour Code : **RED, BLACK, BLUE, YELLOW, GREEN & GREY**  
 Packing : **90 Mtrs. box packing upto 4.00 SQ.MM / 180 Mtrs. / 200 Mtrs. / 300 Mtrs. / as per requirement**

**FR-LSH WIRES** : Fire Retardant – Low Smoke Halogen RoHS PVC Insulated Building Wires

**Application:** These Cables are mainly used & recommended where more number of people are their or where different kinds of modern electrical equipments are used like Hospital, School & College, Malls, Hotels, Commercial Buildings & Govt. Offices or as per users.

**Conductor:** With Bright-annealed EC grade copper with **99.90 to 99.97 % purity**, which offers low conductor resistance, lower heating and save the power consumption.

**RoHS Insulation :**

- FR-LSH PVC insulation formula is of TYPE-A or TYPE-D (C2 Category) and so well developed by us because of which, it maintain s more than the required IS:694 physical, chemical & mechanical properties.
- Wherever due to any unavoidable circumstance fire take place at that time because of its properties, these cable doesn't support flame where Oxygen index is below 29% or temperature index of that particular cable reaches to 250°C and beyond this if fire is at very massive level than its low smoke density and low halogen gas release properties helps people to stay conscious and evacuate easily themselves.
- In short fire fighting becomes easy with SRINI LINK FR-LSH Wires.

**TYPE TEST: FOR FR-LSH PVC**

Test	Function	Specification	Typical Values - Flame guard
Critical Oxygen Index	To determine percentage of oxygen required for supporting combustion of insulating material at room temperature	IS 694	More than 29%
Temperature Index	To determine at what temperature normal oxygen content 21% in air will support combustion of insulating material	IS 694	More than 250°C.
Halogen Acid Gas Generation	To ascertain the amount of hydro chloric acid gas evolved from insulation of cable under fire	IS 694	Less than 20%
Smoke density (Light Transmission)	To determine the visibility (light transmission) under fire of insulation material	ASTM-D 2863	More than 40%

**ZHFR or HFFR WIRES** : PVC Insulated Building Wires

**Application:** FR Building wires are mainly used in **House, Commercial & Industrial Building** for internal, external and concealed wiring and also in panel boards wiring & electricity distribution board wiring.

**Conductor:** With Bright-annealed EC grade copper with **99.90 to 99.97 % purity**, which offer low conductor resistance, lower heating and save the power consumption.

**RoHS Insulation :** The PVC insulation formulation is of TYPE A, TYPE C & TYPE D category. Along with maintaining Standard required concentration of oxygen & temperature index along with better insulation resistance and di-electric strength, which helps in :

- Where ever due to electrical spark flame take place, its Oxygen index and temperature index doesn't allow flame to prolong fur t her.

**TYPE TEST: FOR ZH-FRLS INSULATION**

Test	Function	Specification	Typical Values - Flame guard
Critical Oxygen Index	To determine percentage of oxygen required for supporting combustion of insulating material at room temperature	ASTM-D 2863	More than 29%
Temperature Index	To determine at what temperature normal oxygen content 21% in air will support combustion of insulating material	ASTM-D 2863	More than 250°C.
Smoke density (Light Transmission)	To determine the visibility (light transmission) under fire of insulation material	ASTM-D 2863	More than 80%
Halogen Acid Gas Generation	To ascertain the amount of hydro chloric acid gas evolved from insulation of cable under fire	IEC 60754-1	Less than 0.50%

Working Voltage : **upto 1100 V**  
 Colour Code : **RED, BLACK, BLUE, YELLOW GREEN, YELLOW-GREEN & GREY**  
 Packing : **90 Mtrs. / 100 Mtrs. / 180 Mtrs. / 200 Mtrs. / 300 Mtrs. / as per requirement**