

**180/270 Metres
Special Project Packaging**



Flame Retardant (FR) PVC Insulated Industrial Cables

FINOLEX CABLES LIMITED

Started in 1958, Finolex Cables Limited is India's largest and leading electrical and telecommunication cables manufacturer. Finolex Cables has always believed in enhancing capabilities and augmenting the product basket. In last few years, besides the cable business, the company has forayed into new segments and added new products under the Finolex brand. The company offers Total Electrical Solutions with products like electrical wires, 3 Core Flat Cables, Communication Cables, Telecommunication Cables, Flexible Cables, Auto Cables, Copper Rods, CFLs, LED Lighting Range, Premium Electrical Switches and soon to be launched top-of-the-line Switchgears. Finolex Cables Limited has four manufacturing facilities viz. at Pimpri (Pune), Urse (near Pune), Verna (Goa) and Roorkee (Uttarakhand).

FLAME RETARDANT (FR) PVC INSULATED INDUSTRIAL CABLES 180 / 270 M SPECIAL PROJECT PACKAGING

One of the core products of Finolex Cables, Flame Retardant (FR) PVC Insulated Industrial Cables is offered in Project Packing.

Each wire is manufactured using 99.97% pure, electrolytic grade, bright annealed bare copper with more than 100% conductivity for conductor. This copper is manufactured at the company's state-of-the-art plant in Goa. The wires are insulated with FR (Flame Retardant) PVC compound, specially formulated and manufactured in-house. A special grade PVC resin manufactured by the group company, Finolex Industries Limited, is used to manufacture this compound. This PVC compound has FR properties of high oxygen and temperature index. These properties help in restricting the spread of fire even at very high temperatures. This special compound also offers high insulation resistance and dielectric strength. These ISI marked wires meet the requirements of IS 694 : 2010 with latest amendments with improved fire performance for category C-1.

The need of the day is new circuitry and additional points to accommodate modern gadgets. Add to this, large scale projects undertaken nowadays. Since the size of constructions is not only larger but also more widespread, there is a surge in the need for electrical wires of longer lengths. Finolex is a major supplier of electrical wires to such big construction projects. Finolex electrical wires enjoy approvals from Architects, Electrical Contractors, Consultants and Builders, for whom the quality of electrical wires is of utmost importance.

Finolex now introduces two new longer packing lengths - 270 metre coils (triple coils for sizes 1.0, 1.5 and 2.5 sq.mm.) and 180 metre coils (double coils for sizes 4.0 and 6.0 sq.mm.) to suit the requirement of big construction projects.

These wires are manufactured in a state-of-the-art manufacturing plants at Pimpri (Pune), Urse (Near Pune), Verna (Goa) and Roorkee (Uttarakhand).

Flame Retardant (FR) PVC Insulated Industrial Cables with longer lengths has many advantages.

ECONOMICAL

This longer length is more economical as less leftover pieces are generated from each coil after wiring thereby reducing scrap. The inventory of leftover coil length is also reduced to a great extent.

SAFE

In case of bigger construction projects, longer connections are required. With Flame Retardant (FR) PVC Insulated Industrial Cables, due to the longer length, the number of joints in electrical conduits are reduced, ensuring safe and jointless wiring in electrical installations. Hence, additional safety in wiring is ensured.

STORAGE SPACE SAVING

Since each coil is of longer length and more compact, more wires can be accommodated in the same storage area, thus making optimum use of available storage space.



FLAME RETARDANT (FR) PVC INSULATED INDUSTRIAL CABLES SINGLE CORE, UNSHEATHED CABLES IN VOLTAGE GRADE 1100V

Nominal Area of Conductor sq mm	Thickness of Insulation mm	Approx. Overall Diameter mm	Current Carrying Capacity # of 2 Wires, Single Phase		Resistance (Max.) per km @ 20°C Ohms
			In Conduit/Trunking Amps	Unenclosed-Clipped directly to surface or on cable tray Amps	
1.0	0.6	2.52	11	12	19.5
1.5	0.6	2.72	13	16	13.3
2.5	0.7	3.32	18	22	7.98
4.0	0.8	4.04	24	29	4.95
6.0	0.8	4.50	31	37	3.30

Standard Colours: Black, Red, Blue, Yellow and Green (for earthing). Supplied in 180/270 meter lengths

As per IS 3961 (Part V) - 1968

BIS licence Nos. CM/L 7306463 CM/L 7525273 & CM/L 8944096



AN IS/ISO 9001 CERTIFIED COMPANY

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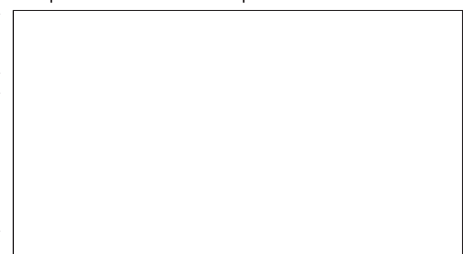
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Finolex gets people together

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Sample card available on request



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