

**FIA** **TAC**  
Fire Insurance Approved Tariff Advisory committee

**NEOCAB**<sup>TM</sup>

Wires & Cable

**cab-pro**<sup>TM</sup>



**TRI-SHIELD**

Ultimate Protection  
With Triple Insulation

**R. S. INDUSTRIES**  
Anand-388 001,  
Gujarat (India).

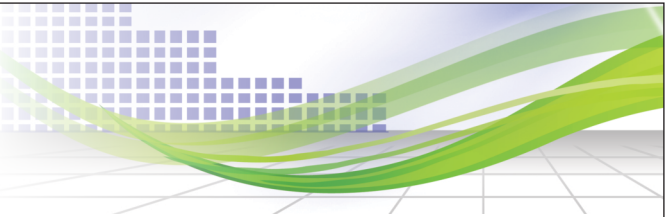
IS:694-90  
  
CM/L-7987820





Wires & Cable

CAB-PRO



NEOCAB FLAME RETARDANT (FR) PVC INSULATED INDUSTRIAL CABLES

Each Neocab wire is manufactured using 99.97% pure, electrolytic grade, bright annealed bare copper with more than 100% conductivity for conductor, supplied by the Neocab unit at Anand, Gujarat. The wire is insulated with a Flame Retardant (FR) PVC compound with a high oxygen and temperature index, specially formulated and manufactured in-house. These ISI marked wires meet the requirements of IS 694 : 1990 with latest amendments with improved fire performance properties for category C1.

FR PROPERTIES		
Test	Test Method Specified	Specification Values
Critical Oxygen Index	IS:10810 Part 58	Oxygen Index Minimum 29 %
Temperature Index	IS:10810 Part 64	Minimum Temperature Index 250°C
Also meet requirements of Flammability Test as per IS 694:90		



NEOCAB FLAME RETARDANT (FR) PVC INSULATED INDUSTRIAL CABLES SINGLE CORE, UNSHEATHED WIRES IN VOLTAGE GRADE 1100 V.						
Nominal area of copper Conductor	Number / Norminal Diameter of strands	Thickness of insulation (Nominal)	Approximate Overall Diameter of wire	Current carrying capacity # 2 wires, single phase		Conductor Resistance (Max.) per km. @20°C
				In conduit / Trunking	Unenclosed - clipped directly to a surface or on cable tray	
Sq.mm	mm	mm	mm	Amps	Amps	Ohms
1.0	14/.3*	0.7	2.7	11	12	18.10
1.5	22/.3*	0.7	3.1	13	16	12.10
2.5	36/.3*	0.8	3.7	18	22	7.41
4.0	56/.3**	0.8	4.3	24	29	4.91
6.0	84/.3**	0.8	4.8	31	37	3.30
Standard Colours: Black, Red, Blue, Yellow and Green (for earthing). Supplied in 90/180/270 meter lengths						
# As per IS 3961 (Part V) - 1968						
* As per conductor Class 2 of IS 8130 : 1984						
BIS licence Nos. CM/L-7987820						
** As per conductor Class 5 of IS 8130 : 1984						

SPECIAL PROJECT PACKAGING - 180/270 Mtrs.

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. Neocab is a major supplier of electrical wires to such big construction projects. Neocab electrical wires enjoy approvals from Architects, Electrical Contractors, Consultants and Builders, for whom the quality of electrical wires is of utmost importance.

Neocab now introduces two new longer packing lengths - 270 meter coils(triple coils for sizes 1.0 , & 1.50 and sq.mm) and 180 meter coils (double coils for sizes 2.50, 4.0 and 6.0 sq.mm) to suit the requirement of big construction projects.

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

ECONOMICAL	SAFE	STORAGE SPACE SAVING
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.	In case of bigger construction projects, longer connections are required. With Neoacab 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.	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.

These longer length coils are manufactured on high precision computerised coiling machine which ensures exact length and compactness. They are further poly-wrapped and packed in specially designed sturdy master cartons.

Manufactured by :

RS INDUSTRIES

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