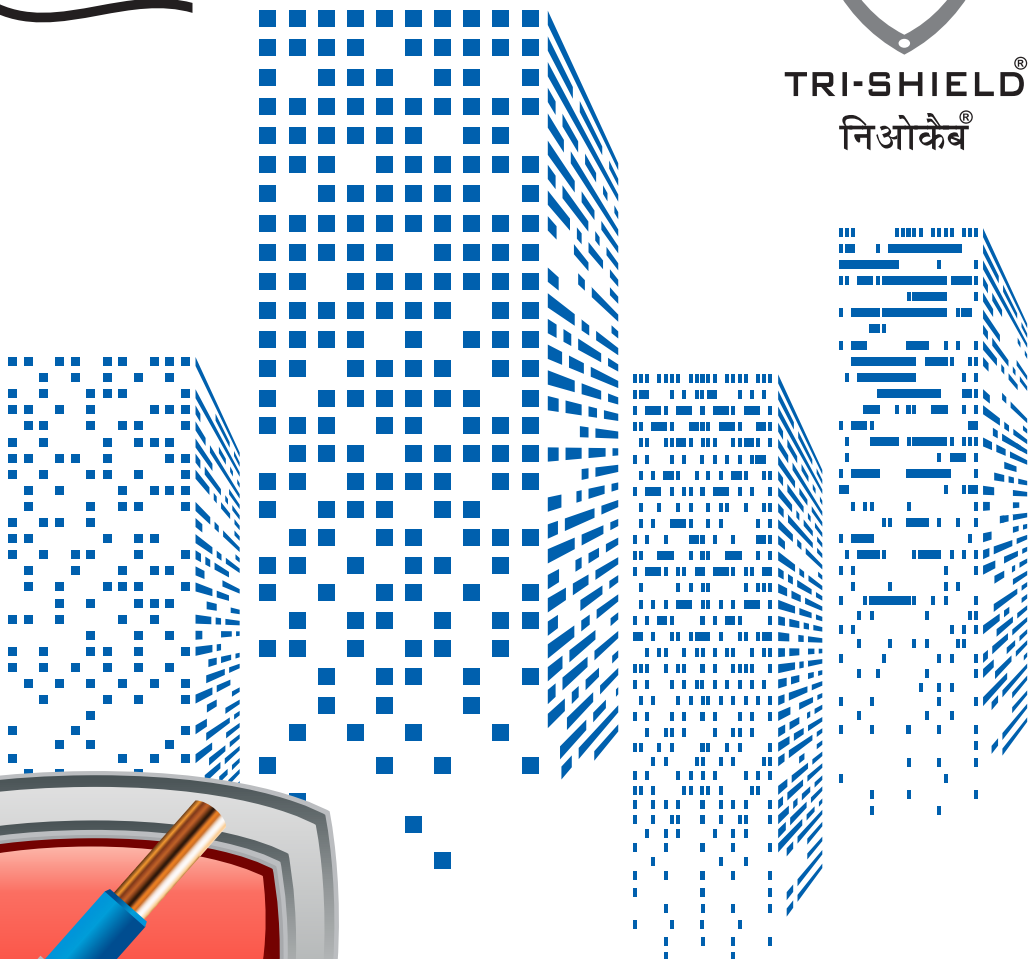


NEOCAB[®]

Wires & Cable



TRI-SHIELD[®]
निओकैब[®]



✓ RoHS

CE

✓ ISO 9001 2015
CERTIFIED

ISO 9001
CERTIFICATION
IAS
INTERCERT ACCREDITED
Management Systems
Certification Body
MSCB-121



protecto[™]

IS:694-2010



CM/L-7987820

HEAT RESISTANT FRLS-H CABLES



LOW SMOKE
OPACITY



NO TOXIC
MATERIAL



ENVIRONMENT
FRIENDLY



NO SHORT
CIRCUIT



IMPROVED
O₂ INDEX



IMPROVED
TEMP. INDEX



Wires & Cable

protecto™ HEAT RESISTANT FRLS-H CABLES



NEOCAB PROTECTO Wires are Heat Resistant and Fire Retardant Low-Smoke Wires. These Cables are designed for Higher Conductor Temperature, are Flame Retardant & do not emit toxic fumes when exposed to Fire at high temperatures.

These Cables are made with 99.97% pure Oxygen Free Copper having Conductivity 101% or more. Superior Multi-strand Bunched Conductor of these cables makes them easy to install and their high conductivity helps in reducing Energy Consumption.

- Heat Resistance- Designed for High conductor temperature of up to 105°C
- Fire Retardant- helps in retarding the spread of fire
- Low-Smoke & Low Halogen Gas- Higher Visibility in case of fire, helps in Rescue, do not emit Toxic Gases
- RoHS Certified: Made with Latest RoHS 3 directives (EU Directive 2015/863). These LEAD-FREE cables are completely non-toxic and avoid any health hazards resulting from use of any toxic materials.
- With oil as well as abrasion resistance properties

WHY PROTECTO FRLS-H

- During fire, ordinary PVC Insulated wires give thick black smoke and toxic fumes of Acidic Gases. This impairs visibility and hampers rescue operations.
- PROTECTO wires on the Contrary, emit very little smoke with very low opacity & do not generate any toxic fumes during incidents of Fire. Breathability and Visibility is not a problem if PROTECTO Wires are used for Wiring.
- PROTECTO wires also help in retarding the spread of fire due to its excellent FR Properties.
- Heat Resistance Insulation helps in minimizing the Short-Circuit conditions, as insulation do not soften or melt even during high temperatures.
- Overall service Life of the Cable increases manifold, as mechanical and insulation strength of PROTECTO cable do not change even after long continues use.

APPLICATION

PROTECTO Cables are most suitable for Commercial & Residential applications like Hotels, Banks, Factories, Hospitals, High-Rise Buildings, Cinema Hall, Theatres, Individual Bungalows, Rooftop Solar PV Installation, etc.

With **TRI-SHIELD®: PROTECTO** cables are made with our proprietary **TRI-SHIELD®** technology, that helps saving lives and energy throughout the long service life.

SIZE DIMENSIONS AND RATINGS

Nominal Cross Sectional Area of Conductor	Number/Nominal Dia of wires* (Nom.)	Thickness of insulation (Nom.)	Approx. Overall Diameter	Current Rating		D.C. Resistance (Max.) at 20°C
Sq.mm	Number/mm	mm	mm	Casing	Concealed	Ohm/km
0.75	24/0.2	0.6	2.40	7.5	7.0	26.0
1.00	32/0.2	0.6	2.70	14	13	19.5
1.50	30/0.25	0.6	3.00	18	16	13.3
2.50	50/0.25	0.7	3.70	24	20	7.98
4.00	56/0.3	0.8	4.20	32	26	4.95
6.00	84/0.3	0.8	4.90	38	33	3.30

The number & diameter of conductor stands are for reference only and governed by conductor resistance. The above data is indicative only and may be revised without prior information. Neocab will not be responsible for any damages arising out of incorrect application of its products.

PROPERTIES

Test	Test Method	Values
Limited Oxygen Index	IS 10810P-58	>29%
Limited Temperature Index	IS 10810P-64	>250°C
Smoke Density (Light Absorption)	IS 13360P-6/SEC9	<60%
Acid Gas Generation	IS 10810P-59	<20%
Standard Colours : Red, Yellow, Blue, Black, Green (For Earthing)		
Supplied in 90 meter lengths in attractive carton.		
Confirm to IS 694-2010 ISI Licence No. CML-7987820		
# As per IS 3961 (Part V) - 1968		
*As per conductor Class 2 of IS. B130 / 1984		
**As per conductor Class 5 of IS. B130 / 1984		

Mfg. by : **R. S. INDUSTRIES**

Anand-388 001, Gujarat (India). Customer Care No.:+91-2692-262803

Web : www.neocabindia.com - Email : inquiry@neocabindia.com

Caution : Neocab, Tri-Shield, Cab-Pro and Protecto are registered trade mark owned by R.S. Industries

