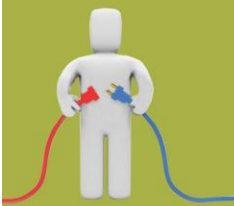


Your **Connect on** to **Safety**

Alex[®]
WIRES & CABLES



CONDUCTOR:

ALEX WIRES are made of 99.99% pure electrolytic copper for obtaining bright annealed wires & high conductivity for conductors.

INSULATION:

ALEX Wires are insulated with Flame Retardant (FR) PVC Compound. This Polymer has a critical-high oxygen and temperature index. These properties helps in high insulation resistance & die-electric strength also restricting the fire even at very high temperature. **ALEX WIRES** uses well experimented mixing recipes to obtain desired properties of FR-PVC insulation as per Indian standard.

Our PVC resins compound are the best grade available in the world market and additives like plasticizers, stabilizers, dyes & other chemicals are also from internationally renowned manufactures.

PROCESS FEATURES:

- On-line wire annealing-for better wire flexibility & other conductivity result.
- High speed extruder for best polymer mixing of insulating compound.
- Co-extruded PVC insulation for best electrical properties in insulation process.
- Machine are equipped with automatic continuous operated diameter controller.
- Spark-tester are used in line for pinhole free insulation extrusion.

QUALITY ASSURANCE

These ISI marked house wire meet the requirements of IS-694:1990.

In addition, they also offer FLAME RETARDANT properties which means extra protection against electric shocks, short circuits and fires.

All routine test are carried out in factory before dispatch of material under guidance of well experienced testing engineers. Our products meets all the test requirements as per IS-694-1990.

Continues Quality assurance system are followed to ensure the quality of product.



SIZES, DIMENSIONS AND RATINGS

Nominal area of conductor	Number / Nom. Dia of wire	Thicness of insulation (Nom)	Approx over all Diameter	Current carrying capacity* 2 wires single phase	Resistance (max.) per km@ 20° C	Rate
Sq. mm	mm	mm	mm	Amps.	Ohms.	
0.75	24/0.20	0.6	2.5	7	26.00	
1.00	14/0.30	0.7	2.8	12	18.10	
1.50	22/0.30	0.7	3.1	16	12.10	
2.50	36/0.30	0.8	3.8	22	7.41	
4.00	56/0.30	0.8	4.4	29	4.95	
6.00	84/0.30	0.8	5.2	37	3.30	

Standard colour:

IS:694



Also available: Telephone cables Networking cables CCTV Camera cables