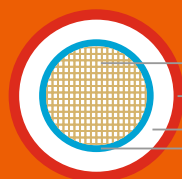




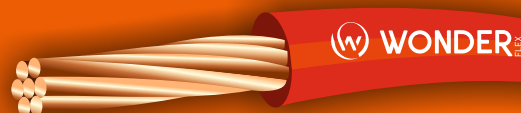
WONDER^{FLEX}

WIRES & CABLES



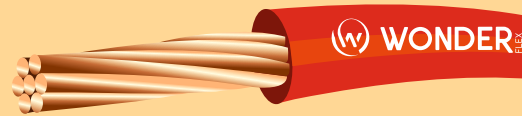
Contraction

- Copper Conductor
- Coloured FR PVC
- Natural FR PVC
- HRFR (Heat Resistant & Fire Resistant)



FR-LSH CABLE

Flame Retardant Low Smoke and Halogen Multistrand Single Core
Unsheathed Flexible Industrial Cables



PRODUCT CONSTRUCTION :

- STANDARD** : IS : 694:2010 & Customer requirements
- CONDUCTOR** : The conductor manufacture of pure Electrolytic Grade, Bright annealed bare copper having very low resistance with ore than 100% conductivity which makes it an excellent conductor electricity, thus ensuring low energy losses.
- INSULATION** : FR-LSH has special flame retardant, low smoke emitting and toxic fumes suppressing properties. The oxygen index of WONDERFLEX wires have 32% which increases its efficiency in fire fighting. In the case of fire, conventional PVC insulated wires give out thick black smoke and toxic fumes of hydrochloric acid gas. This imparis visibility and hampers rescue operations. Xtra-Gard on the country, not only emits very little smoke and toxic gases, but also retards the spreading of fire.
- KEY APPLICATIONS** : It is thus ideal of concealed and conduit wiring in multi-storied high rise buildings such as School's Hotels, Banks, Hospitals, Factories, Commercial Complexes, Theaters and Residential Apartments etc.
- PACKING** : WONDERFLEX Multi strand wires up to 6.00 sq. mm. are supplied in 90 metre length in attractive carton, Longer length available request.
- COLOURS** : WONDERFLEX Multi strand wires are available in Red, Yellow, Blue, Black & Green Color. Other colors can be supplied on request. Subject to minimum order quantity.
- MARKING** : The Cables are printed with generic marking WONDERFLEX.

CONTAINS
FIRE FIGHTING
MOLECULES

MOISTURE
RESISTANT

MORE
THAN
100%
CONDUCTIVITY

SELF
EXTINGUISHING

OXYGEN
ENTRUMENT

SINGLE CORE UNSHEATHED FLEXIBLE INDUSTRIAL CABLES IN VOLTAGE GRADE 1100 VOLTS

Nominal cross sectional area of conductor	Number/Nom. Dia of Wire	Nominal Thickness of Insulation	Overall Diameter (Approx)	Current carrying capacity 2 cables, single phase#		Max. Resistance of Conductor per km@20°C
				In conduit/ Trunking	Unenclosed clipped directly to surface or on cable tray	
Sq. mm.	mm	mm	mm	Amps	Amps	Ohms.
0.50	16/0.2	0.6	2.0	4	5	39.0
0.75	24/0.2	0.6	2.3	6	7	26.0
1.0	14/0.3	0.7	2.7	11	12	18.10
1.5	22/0.3	0.7	3.1	13	16	12.10
2.5	36/0.3	0.8	3.7	18	22	7.41
4.0	56/0.3	0.8	4.1	24	29	4.95
6.0	84/0.3	0.8	4.7	31	37	3.30
10.0	80/0.4	1.0	5.8	42	51	1.91
16.0	126/0.4	1.0	6.8	57	68	1.21