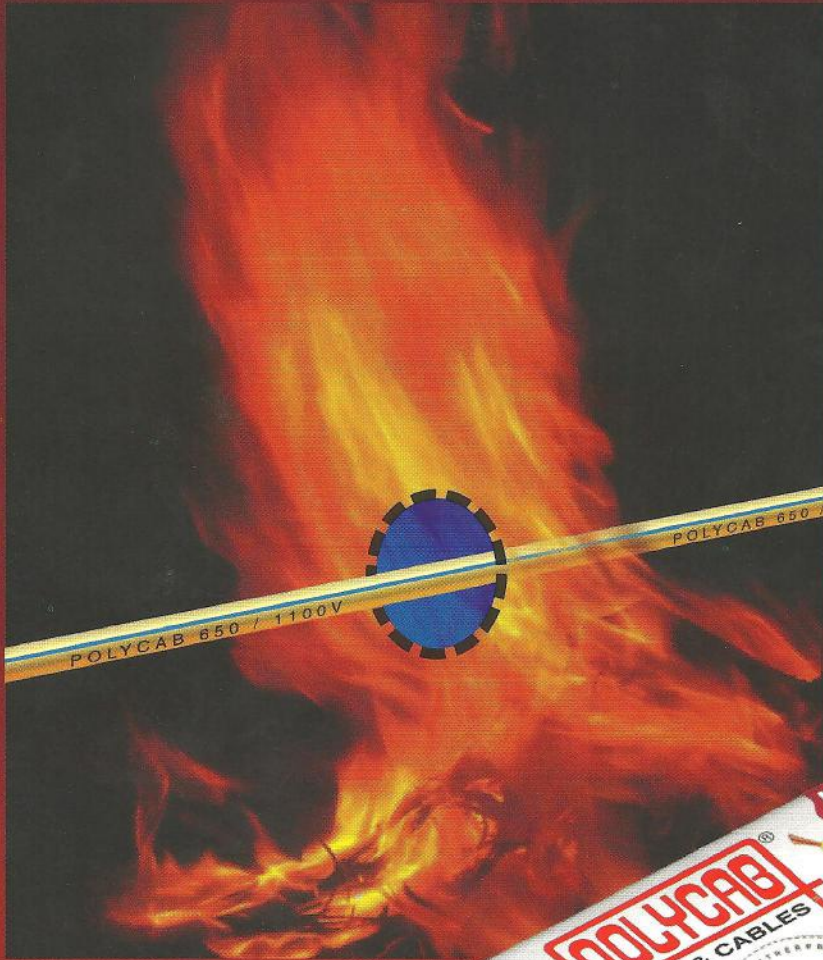
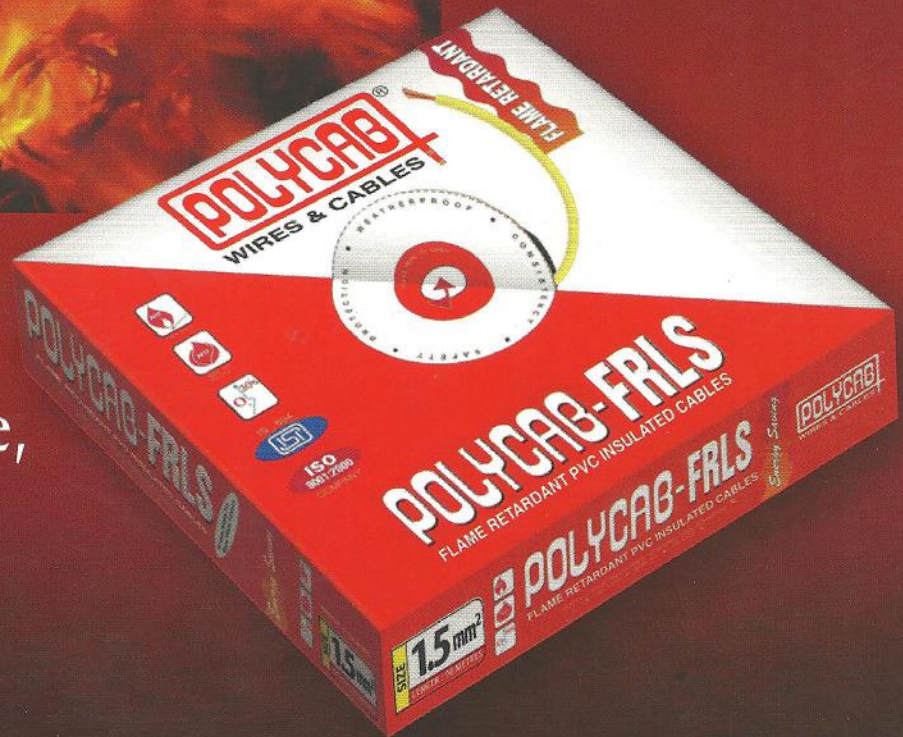


# FIRE BRAKE

FLAME RETARDANT LOW SMOKE INDUSTRIAL CABLES



Extra Assurance,  
Extra Safe



**POLYCAB**<sup>®</sup>  
WIRES & CABLES

# FRLS INDUSTRIAL CABLES

## POLYCAB FLAME RETARDANT LOW SMOKE (FRLS) PVC INSULATED INDUSTRIAL CABLES

These cables are now being preferred over the FR cables in residential and commercial buildings due to reduced smoke generation. Polycab FRLS Cables have enhanced properties of PVC insulation to reduce the toxic smoke generated in case of fire. Modern establishment have increased number of gadgets. This concentrated load increases the chances of fire due to overload and subsequent short circuit. Since fires are generally attributed to electrical short circuits, due care should be taken in selection and installation of low and non-toxic smoke generating cables for highly populated buildings.

Polycab FRLS Industrial Cables are premium quality cables with Flame Retardant Low Smoke properties. Oxygen Index of normal PVC cables is about 25% while Polycab FRLS Industrial Cables have Oxygen Index of more than the minimum 29%. Low Smoke Density of 60% helps in facilitating faster evacuation and fire fighting activities.

These wires are recommended for all premium quality construction like hotels, hospitals, schools, commercial complexes, high rise buildings and so on.

### UNIQUE PROCESS FEATURES

- On-line wire drawing and annealing.
- High speed extruders (upto 500 metres per minute).
- Twin PVC insulated for better insulation & electrical properties.
- Automatic on-line critical diameter control.
- Stringent quality control.

#### POLYCAB 1100V

#### SINGLE CORE, TWIN INSULATED CABLES IN VOLTAGE GRADE 1100 V.

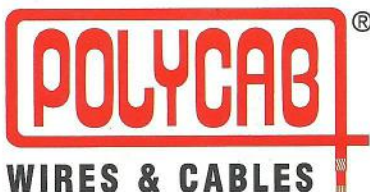
Nominal area of Conductor	Number/Nom. Dia. of wire	Thickness of Insulation (Nom.)	Approx. overall Diameter	Current carrying capacity* Rating	Resistance (Max.) per Km. @ 20°C
Sq. mm.	mm.	mm.	mm.	Amps.	Ohms
1.0	14/0.3	0.7	2.65	12	18.10
1.5	22/0.3	0.7	2.95	16	12.10
2.5	36/0.3	0.8	3.55	22	7.41
4.0	56/0.3	0.8	4.0	29	4.95
6.0	84/0.3	0.8	4.6	37	3.30
10.0	80/0.4	1.0	5.8	51	1.91
16.0	126/0.4	1.0	6.8	68	1.21

Standard Colours : Red, Yellow, Blue, Black and Green (for earthing).

Supplied in 90 metre lengths in attractive cartons. Conform to IS 694:1990. ISI Licence No. CM/L-7167980

\* As per IS 3961 (Part-V)-1968

THE ABOVE DATA IS INDICATIVE AND MAY BE REVISED WITHOUT PRIOR INFORMATION.  
"POLYCAB" WILL NOT BE LIABLE FOR ANY DAMAGES ARISING OUT OF INCORRECT APPLICATION.



## ARIHANT CABLES

AUTH. DISTRIBUTORS FOR : POLYCAB WIRES & CABLES

27, Shreenath Bhuvan, 6/12, Picket Cross Road, MUMBAI-400 002.

Tel. : 2206 9420 • 2208 4447 • FAX : 2208 1673 • Talkfree : \*257 • \*744

E-mail : arihantcables@mtnl.net.in