



Wiring Simplified

An ISO :9001 & CE Certified company

Since 1998

SURAKSHA BHI *quality bhi*



Single Core Twin Insulated Industrial Cables

- Manufactured using 99.9% Pure Electrolytic Grade Copper having more than 100% conductivity to ensure minimum power losses and maximum safety.
- Double Insulation with virgin PVC Compound coated with ultra thin color layer having Flame Retardant & Lead Free Properties for high oxygen properties and Temperature Index.
- Bunching of Copper in uniform lay and diameter makes it energy efficient Cables.
- ISI marked wires meet the latest requirements of IS: 694-2010 of Lead Free Flame Retardant properties ensuring extra protection against electric shocks, short circuits and fires.



www.sgiwiring.com

About Us

Shree Gopal Industries is one of the leading manufacturers of Wiring products under the brand name SGI, since 1998.

We manufacture a wide range of Wires & Cables and Wiring Accessories at our manufacturing unit located at Bhiwadi, Rajasthan. Our management system complies with ISO 9001:2015 standards and most of our products are marked with ISI/CE and ROHS (lead free) certifications.



Our Brand “SGI” today is well accepted by big reputable corporate customers and Government Department, Most of our customers are from the field of Electrical & Electronics, Real Estate, Telecom, Defense and Automobiles Sectors.

Our Product reach more than 100 retailers through more than 150 dealers network spread across India and Various Countries Like UAE, Egypt, Kuwait etc.

We have recently started our Wire Harness Manufacturing Division. We offer customized wire harnesses as per customer design and drawing specification.

The company has pursued the strategy of product differentiation by delivering quality products on time and at competitive prices.



SAFE HOME: SINGLE CORE BUILDING WIRES- LF-FR

SGL SAFE HOME Building Wires are used in residential and commercial buildings. Modern household and offices have more numbers of electrical and electronic equipments connected to the system. This leads to reduction of cable life and ultimately short circuit.

SGL SAFE Home wires are manufactured by using Bright Annealed 99.9% Pure Grade Electrolytic Bare Copper having 100 % conductivity and are Double Insulated with PVC Compound having Lead-free & Flame Retardant Properties formulated and manufactured in-house due to which the life of the electrical systems improves substantially and gives you protection against short circuit.

Lead Free – Flame Retardant (LF-FR)
Single Core PVC Insulated Copper Conductor (Unsheathed) Cables
1100 Voltage Grade conforming to IS:694:2010

Sr. No.	Nominal Area of Conductor (Sq.mm)	Product Code 90mtr	Product Code 270mtr	No./Nom. Dia of Cond. Strands* (mm)	Nominal Thickness (mm)	Approx. Overall Diameter (mm)	Max. Resistance at 20 deg.C. (Ω /km.)	Current Carrying Capacity (Amp.)
1	0.75	SW-1001	SW-1201	24/0.20	0.6	2.30	26.00	7
2	1.00	SW-1002	SW-1202	32/0.20	0.6	2.45	19.50	12
3	1.50	SW-1003	SW-1203	30/0.25	0.6	2.80	13.30	16
4	2.50	SW-1004	SW-1204	50/0.25	0.7	3.60	7.98	22
5	4.00	SW-1005	SW-1205	56/0.30	0.8	4.10	4.95	29
6	6.00	SW-1006	SW-1206	84/0.30	0.8	4.75	3.30	37

Standard Colours : Red/ Yellow/ Blue/ Black/ Green/ Grey/White.

Other Colours on request.

Standard Length : 90 Mtrs. In attractive boxes./270mtrs Project Packing in Polybags.

SAFE FIRE: SINGLE CORE INDUSTRIAL CABLES – HR- FR-LSH

SGI SAFE FIRE – HRFRLSH Wires are extensively used by machine tools, electrical appliances, Control Panel and heavy machinery manufacturers. These wires provide increased current carrying capacity and have higher resistance to Heat (105°C) , emit very low smoke and halogen which ensures better visibility and faster evacuation in case of any eventuality.

Heat Resistant – Flame Retardant – Low Smoke (HR-FR-LSH)
Single Core PVC Insulated Copper conductor (Unsheathed) Cables
1100 Voltage Grade Confirming to IS:694:2010

Sr. No.	Nominal Area of Conductor (Sq.mm)	Product Code	No. /Nom. Dia of Cond. Strands* (mm)	Nominal Thickness (mm)	Approx. Overall Diameter (mm)	Max. Resistance at 20 deg.C. (Ω /km.)	Current Carrying Capacity (Amp.)
1	0.50	SW-1301	16/0.2	0.6	2.1	39.00	4
1	0.75	SW-1302	24/0.2	0.6	2.3	26.00	7
2	1	SW-1303	32/0.2	0.6	2.5	19.50	12
3	1.5	SW-1304	30/0.25	0.6	2.9	13.30	16
4	2.5	SW-1305	50/0.25	0.7	3.6	7.98	22
5	4	SW-1306	56/0.3	0.8	4.1	4.95	29
6	6	SW-1307	84/0.3	0.8	4.8	3.30	37
7	10	SW-1308	80/0.4	1.0	6.1	1.91	51
8	16	SW-1309	126/0.4	1.0	7.3	1.21	68
9	25	SW-1310	196/0.4	1.2	8.7	0.780	86
10	35	SW-1311	276/0.4	1.2	10.3	0.554	110
11	50	SW-1312	396/0.4	1.4	12.4	0.386	145
12	70	SW-1313	354/0.5	1.4	14.3	0.272	215
13	95	SW-1314	484/0.5	1.6	16.3	0.206	260
14	120	SW-1315	608/0.5	1.6	18.0	0.161	305

Standard Colour : Red/ Yellow/ Blue/ Black/ Green/ Grey/White.

Other Colors on request.

Standard Length : 100Mtrs./300 Meters.in Polybags..

SAFE LIFE: SINGLE CORE INDUSTRIAL CABLES – ZHFR

SGI SAFE LIFE– ZHFR Wires are ultimate in terms of safety. These cables are insulated with a special Polymer Compound which is Fire Resistant and is totally halogen free. extensively used by machine tools, electrical appliances, Control Panel and heavy machinery manufacturers. These cables emit very low amount of non-toxic gases in case of any eventuality thereby maximizing the chances of rescue in case of fire. These cables are highly recommended for shopping malls , high rise buildings, multiplexes and for critical applications in industries.

Zero Halogen Flame Retardant (ZHFR) Single Core ZHFR Insulated Copper Conductor (Unsheathed) Cables 1100 Voltage Grade as per IS 694:2010

Sr. No.	Nominal Area of Conductor (Sq.mm)	Product Code	No. /Nom. Dia of Cond. Strands* (mm)	Nominal Thickness (mm)	Approx. Overall Diameter (mm)	Max. Resistance at 20 deg.C. (Ω /km.)	Current Carrying Capacity (Amp.)
1	0.75	SW-1401	24/0.20	0.6	2.30	26.00	7
2	1.00	SW-1402	32/0.20	0.6	2.45	19.50	12
3	1.50	SW-1403	30/0.25	0.6	2.80	13.30	16
4	2.50	SW-1404	50/0.25	0.7	3.60	7.98	22
5	4.00	SW-1405	56/0.30	0.8	4.10	4.95	29
6	6.00	SW-1406	84/0.30	0.8	4.75	3.30	37

Standard Color : Red/ Yellow/ Blue/ Black/ Green/ Grey/White.

Other Colors on request.

Standard Length : 100 Mtrs in Poly Bag.

* The number and diameter of conductor strands for reference only, conductor resistance as per IS: 8130 is the governing criteria. Conductor shall be of Class-V as per IS: 8130:1984



SGI 's Range Of Products:

SGI WIRES & CABLES

Single Core LF-FR/HR-FR-LSH/ ZHFR Insulated Industrial Cables.
LF-FR Multi Core Round & Flat Submersible Cables.
Telephone/Speaker/Co-Axial / CCTV /LAN Cables
DC Solar Cables
Hook- up ATC Wires/ Single Core ATC Cables
ATC Round & Braided/Shielded Multi-Core Cables

SGI WIRING ACCESSORIES

PVC Wiring Ducts/ Channels
PVC Conduit Pipe & Fittings
PVC Cable Managements Systems
PVC Sleeves & Printing Sleeves
Spiral Sleeves/ Wraps
PVC Cable Markers & Tie Mounts
AC Ducts & Round Trunkings



WIRING HARNESS

As per customer requirement

SHREE GOPAL INDUSTRIES AN ISO:9001-2015 COMPANY

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