

Estd. 02-04-1997



SRINI LINK®

CABLES & WIRES



We are,
ONE for ALL





COMPANY PROFILE

A Warm welcome from SRINI LINK TEAM.

SRINI LINK produces one of the best cables & wires since 02/04/1997 for the existing customers & market, by meeting their standards or customized requirement with a various product ranges

To produce quality & quantity, we have installed all the best possible latest world class technologies machinery at our plant

For optimum consistency of quality, quantity & services along with traceability of material from incoming to outgoing, we have implemented ISO 9001-2010 system since 01/03/2001.

We cater varieties of product to many different customers but for INDIAN, AMERICAN & CANADA market we have below certified PVC cable products by their respective departments

- 1) IS : 694 : 1990 (BIS : Bureau of Indian Standard)
- 2) UL : 758 (Underwriter Laboratories)

Mfg. Different cable standard by matching their properties

- 1) IS 2465 - 1984 (BIS : Bureau of Indian Standard)
- 2) BS 6862 : Part 1 : 1971 (BSI : British Standard Institute)
- 3) JIS C 3406 - 1993 (Japanese Industrial Standard)
- 4) JASO D 611 / 608 (Japanese Automobile Standard)
- 5) DIN 72551 - 6 (Deutshes Institut für Normung)
- 6) ISO 6722 (International Organisation for Standardisation)

In the consideration of **environmental safety** and green product, SRINI LINK has its own GREEN GROUND in form of 100% RoHS PVC INHOUSE plant since 2003 along with REACH Compliance since 2011 (against demand)

With production technology, management system & maximum environmental friendly products, SRINI LINK has created its own unique & distinguish name for its quality product & services.

- a) Domestic market (Network Business)
- b) Automobile Industries (OEM)
- c) Appliances product (White goods)
- d) Panel Board & Distribution Broad Mfg.

"Srini Link®" the brand itself has created its glorious name in the market of automobiles industries, switchgear & power industries & domestic wiring sector.

VISION



Production & Products with maximum safety & friendly environment

SRINI LINK will always update itself with modern world class technologies

100 % Engineering Excellence in our production, which will ensure the product reliability & durability

Maximum Market ratio of srini link brand (genuine product requirement)

MISSION



"SRINI LINK" brand means

QUALITY – maximum environmental free

QUANTITY – 101 % assured

SERVICE – technical support & delivery as per consumer competency

History of FOUNDER **V. Deiva Sigamani**

In the year 01 September 1976 The founder of "SRINI LINK" Mr. V. DEIVA SIGAMANI started his career as a Machine operator in INDO FLEXIBLE CABLE AND WIRE INDUSTRIES PVT LTD (Mumbai), later within six month he has promoted as Senior operator incharge of maintenance, along with working he joined ITI training course for learning lathe, drilling, welding machine and other tools etc, with his knowledge, company team has developed Vertical stranding machine in-house.

Later in 1977 Company was shifting to Hyderabad with small part working in Mumbai, So Mr. V. DEIVA SIGAMANI was promoted to project Incharge for Hyderabad unit (machinery installation, man power recruitment and training to man power), and he had successfully accomplished the task within short period.

By seeing above all hard work and dedication he was promoted to chief fore man of the company and subsequently promoted as works manager (fully incharge of the entire Hyderabad & Mumbai operation of the company) while his tenure, team has designed wiring harness for;

Premier Automobiles Ltd. Mahindra & Mahindra Ltd
Allwyn Nissan Ltd Andhra Pradesh Scooters Ltd
Capol farm Equipment Ltd. (Eicher Tractors Ltd), Etc

In the year 1983 With an individual thinking and demands of wiring harness in Indian automobile industries, He started his own unit in Hyderabad M/s. SARAVANAN INDUSTRIES, which undertook job work of INDO FLEXIBLE CABLE AND WIRE INDUSTRIES PVT LTD.

In the year 26/08/1986 A group of nine people and Mr. V. Deivasigamani as a founder & works director started a wiring harness unit named M/s SRINISONS CABLES PVT LTD,

- 1) Construction of shed.
- 2) Machinery layout and erection.
- 3) Development of tooling for wiring harness & battery cables mfg.
- 4) Recruitment & training of man power.
- 5) Sample development for customer & there approval from customer ends.
- 6) Quality assurance
- 7) New development

Above all work was taken care & successfully achieved by Mr. V. Deivasigamani in his working tenure

- MARUTI UDYOG LTD (OMNI VAN, Maruti 800, Gypsy) • BIRLA YAMAHA LTD (Portable Generators)
- SWARAJ MAZDA (Tempo)

02/04/1997 SRINI LINK HISTORY With above all experience and high individual thinking, He had setup a Proprietary firm named M/s SRINI LINK later in 2007 the same unit changed into partnership firm with his two son.

Initially plant was setup to manufacture wiring harness for Automobile industries (OEM), Power cords for appliance industries (White goods). Later company has developed varieties of product range which you can see in product list

In the year 2003 The passion of development & seeing the competitive market, company has developed its own INHOUSE PVC compounding facility for HR, FR, HR-FR, FR-LSH, AVX, etc, but as the requirement of market & in consideration of Environment. Company has developed RoHS PVC Compound in 2006. From 2010 our PVC Compound unit is 100% RoHS and as per requirement we have developed REACH Compliance PVC compound in 2011

In the year 2007 The passion of development & seeing the competitive market, with concept of all major raw material in house, company has developed INHOUSE Wire drawing facility with Indian make machine, later in 2011 the facility was replaced by GERMAN technology 8 LINE WIRE DRAWING machine

In the year 2014 INHOUSE PVC colour master batch 100% RoHS & Reach compliance

With lots of development passion, today SRINI LINK has achieved a leading name in cables & wires industries through serving below 4 major segments

- Domestic Market (network sales) • Panel Board & distribution board Mfg
- Automobiles Industries (OEM) • Appliance industries (White Goods)

PRODUCT RANGE (RoHS Compliance)

INFRASTRUCTURE & INDUSTRIAL SEGMENT PRODUCTS

Standard	IS : 694 : 2010 (1100 Volts)
Conductor	Electrolytic Copper of (99.90 % to 99.97% pure) & Class 5
PVC Insulation	Type – D (FR / FR-LSH) this Grade suitable for Conductor Temperature of 70 Degree Type – C (FR / FR-LSH) this Grade suitable for Conductor Temperature of 85 Degree (this Grade is called as HR PVC also).
PVC Sheath	Type – ST 3 (FR / FR-LSH) this Grade suitable for Conductor Temperature of 70 Degree Type – ST 2 (FR / FR-LSH) this Grade suitable for Conductor Temperature of 85 Degree (this Grade is called as HR PVC also).
On demand	Zero Halogen free (ZH-FRLS) Insulation is as per international requirement by meeting the all physical requirement of Insulation character as per any required Standard.

● BUILDING WIRES (FR / FR-LSH / ZH-FRLS)

These Cables are mainly used in Residential, Commercial & Industrial Building etc for Internal, External & Concealed Wiring and also in Electrical Panel Board Wiring, Electricity Distribution Board Wiring.

SRINI LINK (FR) 1.00 SQ. MM UP TO 1100 V IS : 694 RoHS



● PANEL WIRES (TYPE D / FR / HRFR / FR-LSH / ZH-FRLS)

These Cables are totally manufactured for Indian market on the basis of IS : 694 standard CLASS 5. Mainly used for wiring Distribution Panel Board of Residential, Commercial & Industrial Building and also in Machinery Panels, Electricity Sub-Station Panels etc.,

This product is available TINNED COPPER also on demand.

SRINI LINK 1.00 SQ. MM UP TO 1100 V IS : 694 (RoHS)



● FLEXIBLE MULTICORE WIRES (TYPE D / FR / HRFR / FR-LSH / ZH-FRLS)

These Cables are mainly used in main line wiring of Residential, Commercial Building and in Industrial internal wiring for Machines.

SRINI LINK 1.00 SQ. MM X 3 C UP TO 1100 V IS : 694 (RoHS)



● SUBMERSIBLE CABLES (100 % REACH Compliance)

These wires are mainly used for Submersible Pump connections, and its PVC formulation is free from lead & Phthalate base Chemical which help to some extent water to get polluted.

It doesn't get easily damage because of flat shape and helps in easy installation in narrow area.

SRINI LINK 1.00 SQ. MM X 3 C UP TO 1100 V IS : 694 (REACH)



- **Armoured & Un-armoured PVC & XLPE Cables (Copper & Aluminium) Telephone Cables (0.40 mm & 0.50 mm in Copper) – FR / FR-LSH**

These Cables are mainly used for wiring of main or supporting Electricity line of any Infrastructure like Residential, Commercial, Industrial, Mining Industries, Electricity Distribution Substation etc., in form of Ungrounded Laying, Open Laying or Cable Tray Laying etc.,

IS : 1554 (Part 1) : Type A & ST1 PVC Insulated & Sheathed AC 1100 Volt, Max Conductor Temperature 70 Degree.

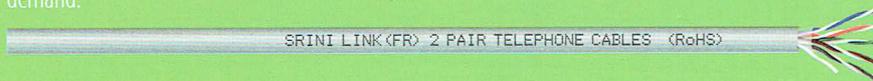
Type C & ST2 PVC Insulated & Sheathed AC 1100 Volt, Max Conductor Temperature 85 Degree.

IS : 7098 (Part 1) : XLPE Insulated & ST2 PVC Sheathed AC 1100 Volt and DC 1500 Volt, Max Conductor Temperature 90 Degree.



- **TELEPHONE CABLES (IN 0.40 & 0.50 MM IN COPPER) - FR / FR-LSH**

These Cables are mainly used for Intercom Telecommunication Line for Residential, Commercial, Industrial, Corporate Office, Factories etc., For better reduction in crosstalk and system noise Insulation is of HDPE and outer sheath is of PVC FR or FR-LSH on demand.



- **UTP (Unshielded Twisted Pair) LAN Cables (CAT 5, CAT 5E, CAT 6) - FR / FR-LSH**

These Cables are mainly used for Local Area Network (LAN) Cabling System, data centre for data transfer without any interruption.



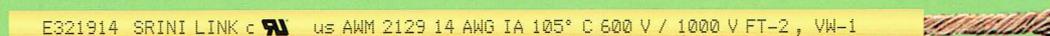
APPLIANCES SEGMENT PRODUCTS (White Goods Cables)

These cables are mainly in all Home and Commercial appliances products like TV, Computer, Laptop, Refrigerator, Washing Machine, Micro Wave, Water Heater, Mixer Etc.,

- **POWER CORDS CABLES (AS PER IS:694 OR Customised)**



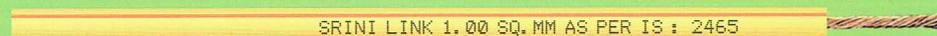
- **UL 758 (AMERICA & CANADA STANDARD)**



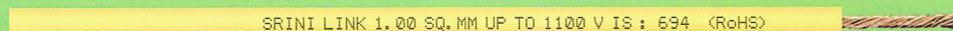
AUTOMOBILE SEGMENT PRODUCTS

- **AUTOMOBILE & BATTERY CABLES (IS / BS / JIS / JASO / DIN / ISO STANDARD)**

These cables are mainly used for making wiring harness which is used in automobile like two wheelers, three wheeler, four wheelers, and heavy vehicles etc. and this cables are made as per standards like



- **HR CABLES (HIGH TEMPERATURE RESISTANCE CABLE)**



- TPU CABLES (THERMOPLASTIC POLYURETHENE)

SRINI LINK 1.00 SQ. MM UP TO 1100 V IS : 694 (RoHS)



- PVC SLEEVES (HR / FR)



SPECIAL SEGMENT PRODUCTS

- SHIELDED & BRAIDED CABLES (SINGLE & MULTI-CORE)
- BRAIDED WIRES (ROUND & STRIP FORM)
- JUMPER WIRES



LAB TESTING EQUIPMENTS

Sr. No.	Test Equipment	No. of Equipments	Least Count	Range
1	Micrometer	2	0.001 mm, 0.01 mm	0-25 mm, 0-25 mm
2	Varnier Calipers	1	0.01 mm	0-150 mm
3	Thermometer	4	1° C	0 - 250° C
4	Stop Watch	1	1/ 100 sec.	0 - 999 sec.
5	Single Pan Weighing Scale	1	0.1 mg	0.1-160 gm
6	Traveling Microscope	1	0.01 mm	0-2 cm
7	Spark Tester (Online)	6	0.5 KV	15 KV AC
8	Digital Micro-Ohm Meter	2	0.01 $\mu\Omega$	1.9999 m to 1.9999 k Ω
9	Million Mega-Ohm Meter	1	1 m Ω	10 to 20 X 106
10	Tensile Tester with Dumble Cutter Die	1	---	Max 500 mm/minutes / Die 75 mm
11	PVC Hardness Tester		---	---
12	Gold Chamber	1	0.1° C	Amb to -40.0° C
13	Thermal Stability		0.1° C	Amb to 210 ° C
14	Thermal Ageing Oven	1	1° C	Amb to -150.0° C / 999 Hrs
15	Ageing Oven with Thermostatic Controller 45*45*45cm.	2	2° C	0-250° C
16	A.C. High Voltage	1	0.05 KAV for 0.3 KV, 0.1 KAV for 0.6 KV	0-6 KV
17	D.C. High Voltage	1	0.03 KV	0-1.5 KV / 50 mA (-Ve)
18	HV ac Test Panel (Di-electric)	1	---	30 KV ac / 100 mA ac
19	Water Bath With Thermostatic Controller	2	1° C	Amb to 110° C
20	Hot Deformation Test Apparatus with require weight	1	---	5 gm to 100 gm
21	Heat Shock Test Mandrel all sizes	1	---	4mm to 24 mm
22	Loss of mass test apparatus	2	---	---
23	Flammability Test Chamber With Burner.	1	---	---
24	Abrasion Resistance	1	---	12V ac / 9999 mm.
25	Oil Resistance	1	1° C	1° C to 100° C
26	Voltage Drop Test	1	---	400° C / 200Amp AC / 199.9m V AC
27	Control Humidity Oven	1	---	15.0 to 50° C to 95% RH
28	HCL Furnace	1	1° C	1° C to 1000° C

LIST OF OUR END USER CUSTOMERS



- HOME
- PROFILE
- PRODUCTS
- LAB EQUIP.
- CUSTOMERS

STANDARD WIRE GAUGE

Metric Conversion Chart



Estd. 02-04-1967
SRINI LINK[®]
 CABLES & WIRES

S.W.G	Dia. in Inch	Dia. in mm	S.W.G	Dia. in Inch	Dia. in mm	S.W.G	Dia. in Inch	Dia. in mm
7/0	0.500	12.7000	8 1/2	0.152	3.8608	19 1/2	0.038	0.9652
7/0 1/2	0.482	12.2428	8 3/4	0.148	3.7592	19 3/4	0.037	0.9398
6/0	0.464	11.7856	9	0.144	3.6576	20	0.036	0.9144
6/0 1/2	0.448	11.3792	9 1/4	0.140	3.5560	20 1/4	0.035	0.8890
5/0	0.432	10.9728	9 1/2	0.136	3.4544	20 1/2	0.034	0.8636
5/0 1/2	0.416	10.5664	9 3/4	0.132	3.3528	20 3/4	0.033	0.8382
4/0	0.400	10.1600	10	0.128	3.2512	21	0.032	0.8128
4/0 1/2	0.386	9.8044	10 1/4	0.125	3.1750	21 1/4	0.031	0.7874
3/0	0.372	9.4488	10 1/2	0.122	3.0988	21 1/2	0.030	0.7620
3/0 1/2	0.360	9.1440	10 3/4	0.119	3.0226	21 3/4	0.029	0.7366
2/0	0.348	8.8392	11	0.116	2.9464	22	0.028	0.7112
2/0 1/2	0.336	8.5344	11 1/4	0.113	2.8702	22 1/4	0.027	0.6858
1/0	0.324	8.2296	11 1/2	0.110	2.7940	22 1/2	0.026	0.6604
1/0 1/2	0.312	7.9248	11 3/4	0.107	2.7178	22 3/4	0.025	0.6350
1	0.300	7.6200	12	0.104	2.6416	23	0.024	0.6096
1 1/4	0.294	7.4676	12 1/4	0.101	2.5654	23 1/2	0.023	0.5842
1 1/2	0.288	7.3152	12 1/2	0.098	2.4892	24	0.022	0.5588
1 3/4	0.282	7.1628	12 3/4	0.095	2.4130	24 1/2	0.021	0.5334
2	0.276	7.0104	13	0.092	2.3368	25	0.020	0.5080
2 1/4	0.270	6.8580	13 1/4	0.089	2.2606	25 1/2	0.019	0.4826
2 1/2	0.264	6.7056	13 1/2	0.086	2.1844	26	0.018	0.4572
2 3/4	0.258	6.5532	13 3/4	0.083	2.1082	27	0.0164	0.4166
3	0.252	6.4008	14	0.080	2.0320	28	0.0148	0.3759
3 1/4	0.247	6.2738	14 1/4	0.078	1.9812	29	0.0136	0.3454
3 1/2	0.242	6.1468	14 1/2	0.076	1.9304	30	0.0124	0.3150
3 3/4	0.237	6.0198	14 3/4	0.074	1.8796	31	0.0116	0.2946
4	0.232	5.8928	15	0.072	1.8288	32	0.0108	0.2743
4 1/4	0.227	5.7658	15 1/4	0.070	1.7780	33	0.0100	0.2540
4 1/2	0.222	5.6388	15 1/2	0.068	1.7272	34	0.0092	0.2337
4 3/4	0.217	5.5118	15 3/4	0.066	1.6764	35	0.0084	0.2134
5	0.212	5.3848	16	0.064	1.6256	36	0.0076	0.1930
5 1/4	0.207	5.2578	16 1/4	0.062	1.5748	37	0.0068	0.1727
5 1/2	0.202	5.1308	16 1/2	0.060	1.5240	38	0.0060	0.1524
5 3/4	0.197	5.0038	16 3/4	0.058	1.4732	39	0.0052	0.1321
6	0.192	4.8768	17	0.056	1.4224	40	0.0048	0.1219
6 1/4	0.188	4.7752	17 1/4	0.054	1.3716	41	0.0044	0.1118
6 1/2	0.184	4.6736	17 1/2	0.052	1.3208	42	0.0040	0.1016
6 3/4	0.180	4.5720	17 3/4	0.050	1.2700	43	0.0036	0.0914
7	0.176	4.4704	18	0.048	1.2192	44	0.0032	0.0813
7 1/4	0.172	4.3688	18 1/4	0.046	1.1684	45	0.0028	0.0711
7 1/2	0.168	4.2672	18 1/2	0.044	1.1176	46	0.0024	0.0610
7 3/4	0.164	4.1656	18 3/4	0.042	1.0668	47	0.0020	0.0508
8	0.160	4.0640	19	0.040	1.0160	48	0.0016	0.0406
8 1/4	0.156	3.9624	19 1/4	0.039	0.9906	49	0.0012	0.0305
						50	0.0010	0.0254

Regd. Office :

M/s. SRINI LINK - Plot No. 1308/1 & 1308/2, Phase III, G.I.D.C., Umbergaon - 396 171. Dist. Valsad, Gujarat, INDIA
 Phone : +91 260 2562712 / 2564197 • Fax : +91 260 2561789 • E-mail : customercare@srinilink.com • www.srinilink.com

Surat Depot :

M/s. SRINI LINK - Plot No. 15-B, Ground Floor, Road No. 3, Opp. Dharti Namkin, Udhana, Surat • Tel.: (0261) 2279003
 Harshad Parmar • 98251 99995 / 9737044660 • parmarje@gmail.com • sl.suratdepot@srinilink.com

HOME

PROFILE

PRODUCTS

LAB EQUIP.

CUSTOMERS