

AN ISO 9001 : 2015 CERTIFIED COMPANY

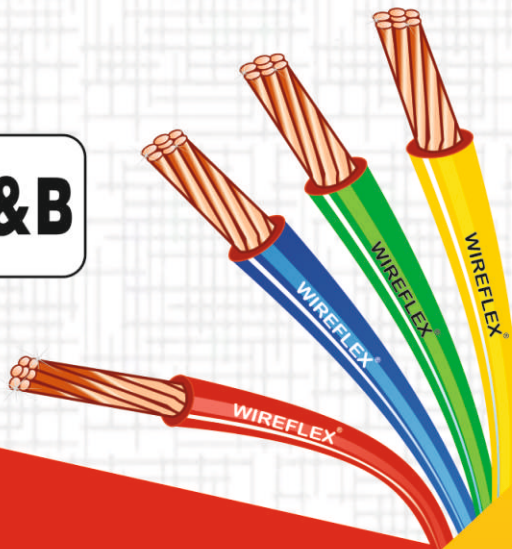


WIREFLEX[®]-FR/FRLS

WIRES AND CABLES



TESTED &
APPROVED BY



✉ lavsicable@gmail.com

🌐 www.wireflexcables.com



About Us

LAVSI CABLE INDUSTRIES PVT. LTD., A vision of a group that have experience of more than 50 year's of manufacturing various products like Wires & Cables.

The company **LAVSI CABLE INDUSTRIES PVT. LTD.**, has state of the art facilities in AHMEDABAD (ODHAV) factory with a name **LAVSI CABLE INDUSTRIES PVT. LTD.** manufacturing various cables like submersible Flat Cable, Multi Core Cable, Household Cable, Elevator Flat Cable, Shielded Cable, Tinned Copper Wire Etc.

As per customers requirement we undertake to manufacture any kinds of wires & cables with bulk orders. We also deal with flexible trade practices, such as manufacturing according to customer's Samples, Drawings, Designs or Brands, Processing with supplied material as well as compensatory trade and technical co-operation. We are willing to co-operate friendly with old and new friends and eagerly waiting to serve you.

Please go through our products and feel free to contact for any queries to lavsicable@gmail.com

VISION

To recognize Internationally & become renowned company in Cable & Wire Industries.

MISSION

To exceed our customers expectations in quality, delivery, and cost through continuous improvement and customer interaction.

CORE VALUES

- > Work as "TEAM WIREFLEX"
- > Respect for Our Team
- > Growth by Customer Satisfaction
- > "Never Give Up"
- > No Pending Work Policy



QUALITY CERTIFICATES

भारतीय मानक ब्यूरो

BUREAU OF INDIAN STANDARDS
AHMEDABAD BRANCH OFFICE-I

Attachment to Licence No. CM/L- 7200216497

CM/L-	Name of the Licensee with the Factory Address	Name of the Product	Indian Standard No.
7200216497	LAVSI CABLE INDUSTRIES, SHED NO. L 21, GIDC ESTATE, NEAR WATER TANK, ODHAV, AHMEDABAD-382415,	POLYVINYL CHLORIDE INSULATED UNSHEATHED AND SHEATHED CABLES CORDS WITH RIGID AND FLEXIBLE CONDUCTOR FOR RATED VOLTAGES UP TO AND INCLUDING 1100 V	IS 694:2010

Endorsement No. 1 Dated 06 June 2022

The following additions in the scope of licence have been approved by the competent authority of Bureau with effect from 24 April 2022:

- a.) Single Core 35.0 Sq. mm, PVC Insulated, Copper conductor Class-5, Insulation Type-D, Category 01, Code Y
b.) 3 Core x 10.0 Sq. mm, PVC Insulated and PVC Sheathed, Copper conductor Flat Cable Class-5, Insulation Type-A, Sheath Type ST-1, Category 02 FR/LSH, Code Y/0USZ.

ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION
(Accredited by the National Accreditation Board for Testing and Calibration Laboratories, Govt. of India)
ERDA Road, Makarpura Industrial Estate, Vadodra-390 010, India.
EPADN : +91 (0265) 2642942, 2642964, 2642377 / 29 / 30 / 31 / 33
Fax : +91 (0265) 2638382
E-mail : erda@erda.org
Web : http://www.erda.org

TEST REPORT SHEET 1 of 9

ULR No.: TC538923000007670F

NAME & ADDRESS OF CUSTOMER
Lavsi Cable Industries,
L-21/B, GIDC Estate,
Odhav,
Ahmedabad- 382 415.

REPORT No. : RP-2223-039982
DATE OF ISSUE : 30-03-2023
CUSTOMER REF No. : Letter
DATED : 03-11-2022
DATE OF SAMPLE RECEIPT : 16-11-2022
DATE OF TESTING : 13-01-2023 to 30-03-2023

SAMPLE DESCRIPTION
(As provided by customer)
1C x 4 sq.mm Red coloured FR-LSH PVC insulated unsheathed circular cable
Type of FR-LSH PVC insulation : D
Class of flexible copper conductor : 5
Category : FR-LSH
Cable Code: Y
Voltage Grade : 1100 V

SAMPLE IDENTIFICATION
Printing : WIREFLEX 4.00 SQMM 1100V FR/LS PVC IS-694 [ISI] CM/L NO- 7200216497
ERDA Sample Code : ERDA-00491994

TEST SPECIFICATION
IS 694 : 2010

REMARK: The sample conforms to the requirements of test specification for tests at Sr. Nos. 1 to 3 as per sheet 2 of 9.

PREPARED BY **CHECKED BY** **APPROVED BY** S. B. Patel

Notes: 1. This report relates only to the particular sample received for testing in good condition at ERDA, Vadodra.
2. This report cannot be reproduced in part under any circumstances.
3. Publication of this report requires prior permission in writing from Director, ERDA.
4. Only the tests asked for by the customer have been carried out.
5. Particulars of manufacturer/supplier, given in this report are based on information supplied by the customer, along with the test request/sample. ERDA does not assume any responsibility for the correctness of the information for above mentioned Sample Under Test (SUT). ERDA will not be responsible for any changes in SUT made after the test. This test report is given as per instrument status while testing.
6. In case of any dispute, Vadodra will be the exclusive jurisdiction & shall be construed as where the cause has arisen.
7. ERDA is not responsible for the authenticity of photocopied or reproduced test reports.
8. ERDA provides support to customers for verification of the authenticity of test reports issued by ERDA.

TC 3440502

Certificate of Registration

LAVSI CABLE INDUSTRIES

L-150, G.I.D.C. ODHAV ROAD, ODHAV, AHMEDABAD-382415, GUJARAT

Has been assessed and certified by JVS certification
As meeting the requirements of:

ISO 9001:2015
Quality Management System

For the following scope of activities:

MANUFACTURING VARIOUS CABLES LIKE SUBMERSIBLE FLAT CABLE, MULTI CORE CABLE, HOUSEHOLD CABLE, SINGLE CORE CABLE, ELEVATOR FLAT CABLE, SHIELDED CABLE, TINNED COPPER WIRE.

Certificate Number: QMS-DRAFT

Validity of this certificate can be verified at www.jvscert.com

Date of Registration : 14/09/2023

Certificate Expiry: 13/09/2026

Date of this Certificate : 14/09/2023

Re-certification Due : 13/09/2026 (subject to the company maintaining its system to the required standard)



Authorised Signatory

Validity of this Certificate is successful Annual Surveillance audits to be done. This certificate is the property of JVS Certifications, and shall be returned immediately upon request. JVS Certifications, is Accredited by UGAC (www.ug-ac.org/)
CAB ADD: MARYLAND AVENUE, SW, WASHINGTON, DC.20202,US, Email- JVSCERT00@GMAIL.COM



CERTIFICATE

Certificate of Compliance

We hereby declare that the technical file of product complied with the requirement of Electromagnetic Compatibility (EMC) Directive 89/336/EEC.

Manufacturer:

Name : LAVSI CABLE INDUSTRIES

Address : L-150, G.I.D.C. ODHAV ROAD, ODHAV, AHMEDABAD-382415, GUJARAT

Product : VARIOUS CABLES LIKE SUBMERSIBLE FLAT CABLE, MULTI CORE CABLE, HOUSEHOLD CABLE, SINGLE CORE CABLE, ELEVATOR FLAT CABLE, SHIELDED CABLE, TINNED COPPER WIRE

The quality system file has been assessed, approved and is subject to continuous Surveillance according to the Council Directive on Electromagnetic Compatibility (EMC) Directive 89/336/EEC.

This certificate is issued under the following conditions:

1. It applies only to the quality system maintained in the manufacture of above referenced models and it does not substitute the design or type-examination procedures, if requested.
2. The certificate remains valid until the manufacturing conditions or the quality systems are changed.
3. The certificate validity is conditioned by positive results or surveillance audits.
4. After fulfilling the relevant EU legislation, the manufacturer shall affix to each device, of the referenced models.
5. The CE mark as shown above can be used, under the responsibility of the manufacturer, after completion of an EC Declaration of conformity and compliance with all relevant EC Directives. The statement is based on a single evaluation of one sample of above mentioned product. It does not imply an assessment of the whole production.

Date of initial registration : 13/09/2023

1st Surveillance Due : 12/09/2024

2nd Surveillance Due : 12/09/2025

Recertification due : 12/09/2026



Registration No. : CE/

To Verify this Certificate please visit at www.jvscert.com

MARYLAND AVENUE, SW, WASHINGTON, DC.20202, US

*Certificate validity is subject to clearing successful surveillance audit

To verify the validity of this compliance certificate please visit www.jvscert.com This certificate is the property of JVS Cert. and shall be returned immediately upon request JVS Cert. is Accredited by UGAC (www.ug-ac.org)

WIREFLEX®



Approved



CM/L - 7200216497



No Short Circuit Less Engergy Bill



No Fire



Pure Copper



WIREFLEX[®]-FR/FRLS

WIRES AND CABLES

Household Cable

Multistrand House Wires up to 1100V

APPLICATION

"WIREFLEX" Household Cable is useful and treated as backbone for providing light & electricity to houses, commercial complexes.

RANGE

0.75 Sq. mm. to 6 Sq. mm.

CONDUCTOR

Purity tested high conductivity bright annealed Copper conductor. High conductivity Annealed Multistrand Copper as per Class 2 of IS:8130/1984.

INSULATION

Fire Retardant (FR), Flame Retardant Low Smoke (FRLS), Zero Halogen Flame Retardant (ZHFR) PVC

FEATURES

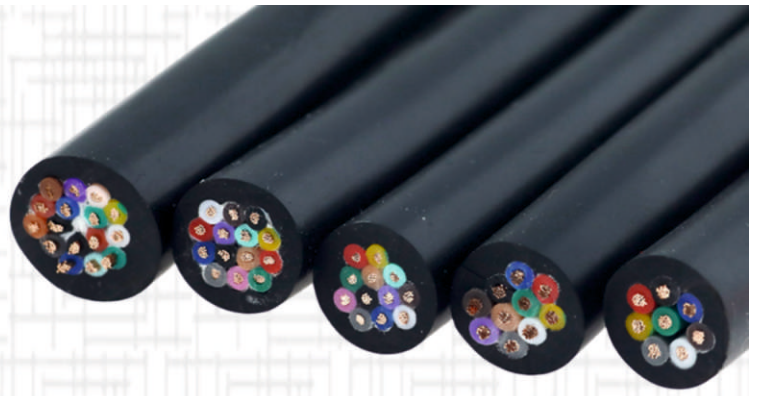
- > Exhibit excellent flexibility.
- > Low conductor resistance.
- > Excellent Mechanical & Electrical Proper
- > Excellent Abrasion Resistance.
- > Wide Temperature range - 15C° to 70° C.
- > Giving long life and electrical safety.

SHEATH A

PVC Type A as per IS:5831/1984, Multiple cores, are colour-coded or numbered as per IS:694/1990

Conductor Construction		Conductor Resistance at 20°C (/km)	Normal Insulation Thickness	Normal Sheath Thickness	Approx. Overall Dimensions (WxH)(mm) +/-0.5	Current Carrying Capacity (AMPS)
Cross Section Area	No./max Dia of Strands					
Sq. mm	Nos./mm	mm max	mm	mm	mm	
0.5	16/0.2	39	0.6	0.9	9.60 x 4.90	4
0.75	24/0.2	26	0.6	0.9	10.5 x 5.20	7
1	14/0.30	19.5	0.6	0.9	11.0 x 5.40	12
1.5	22/0.30	12.1	0.6	0.9	12.0 x 5.60	18
2.5	36/0.30	7.41	0.7	1	13.0 x 6.2	24
4	56/0.30	4.95	0.8	1	15.3 x 7.1	28
6	84/0.30	3.3	0.8	1.1	19.2 x 8.4	36
10	140/0.30	1.91	1	1.4	24.2 x 10.4	48





Multicore Round Cable

Multicore Flexible Cable up to 1100V

APPLICATION

"WIREFLEX" Multicore Round Cable is useful for various industrial & domestic application such as Machinery Tools, Appliances, Engineering Equipment, etc.

APPLICATION

High conductivity grade flexible Copper conductor

INSULATION

High Grade PVC insulation to protect most resistance to cable's SHEATHING & CONDUCTORS. It is also helpful give flexibility & hardness to Cable. PVC Type A as per IS:5831 / 1984, cores laid side by side.

RANGE :

0.5 to 2.5 Sq. mm., up to 4 Cores
4.0 to 35.0 Sq. mm., up to 4 Cores

(Sizes not covered in IS:694 are manufactured as per customer's requirements.)

FEATURES

- > Exhibit excellent flexibility
- > Excellent Mechanical & Electrical Properties
- > Excellent Abrasion Resistance
- > Wide temperature range: -15°C to 70°C
- > Giving long life and electrical safety.

SHEATH

PVC Type A as per IS:5837/1984, Multiple cores, are colour-coded or numbered as per IS:694/1990





Submersible Flat Cable

3 Core PVC Insulated Submersible Flat Cable up to 1100 V.

APPLICATION

"WIREFLEX" Submersible Cable is useful for supplying power to submersible pump and other low ampere motor power supply. Suitable for Irrigation Pumps, Water supply Pumps, Sewage Treatment Plants, Industrial Machineries, etc.

CONDUCTOR

Annealing Copper for highest purity standard which tends the uniformity to form a circular shape.

INSULATION

High Grade PVC insulation to protect most resistance to cable's SHEATHING & CONDUCTORS. It is also helpful give flexibility & hardness to Cable.

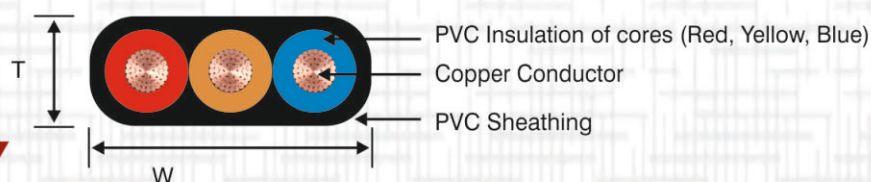
FEATURES

- > Excellent Resistance Power to Moisture, Water & Oil.
- > Excellent Mechanical & Electrical Properties.
- > Excellent Abrasion Resistance.
- > Wide Temperature range - 15C° to 70° C.

SHEATH A

Complete sheathing that protects the conductors with excellent resistance property from Water & Oil.

Conductor		PVC Insulation		PVC Sheath			Conductor Resistance at 20°C (max.)	Current Rating at 40°C
AREA Nominal	Number & Nominal Dia. of Strand	Nominal thickness	Nominal Core diameter	Nominal Thickness	Approx overall Dimension Thickness	Weight		
Sq. mm	Nos./mm	mm	mm	mm	mm	mm	Ω/km	Amps
1	14/0.30	-	2.7	-	-	-	-	11
1.5	22/0.30	0.8	3.2	1.15	6	12.8	12.1	14
2.5	36/0.30	0.9	3.6	1.15	6.4	14.6	7.41	19
4	56/0.30	1	4.3	1.15	7.4	16.8	4.95	26
6	84/0.30	1	5.5	1.15	7.9	18.7	3.3	31
10	140/0.30	1	6.5	1.4	9.9	23.7	1.91	51
16	126/0.4	1	8.1	1.4	10.7	24.5	1.21	62
25	196/0.4	1.2	10.1	2	13.5	30.6	0.78	80
35	276/0.4	1.2	11.2	2	14.7	34.4	0.554	102
50	396/0.4	1.4	12.5	2.2	17.2	41.2	0.386	138





Elevator Cable



Elevator cables are used specifically in elevator industry. It is manufactured by us with special pvc called TPR, it is widely used in elevator industry.



Shielded Cable

Shielded cable are used in lagre quantity in various industries, we are manufacturing it with upmost precision and excellent quality.





LAVSI

CABLE INDUSTRIES PVT. LTD.

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