

# ALSTA

FR-WIRES & CABLES



**KEEP YOUR CONNECTIONS STRONG  
ALSTA WIRES & CABLES**

IS-694



CM/L-7200221793

# About Us

The Wire & Cable business started by L.Dhuckchand Soni in 1988 in a small shop, & now Dhuckchand & Sons is expanding day by day to reach customers' needs with advanced technology. We have set up a manufacturing unit in Ahmedabad under the name Alsta Cable Industries (India), handling Under the aegis of a strong leadership we are a company with diverse talents and skills. Our leadership structure is ably supported by a well experienced team of professional and skilled workers. We have a higher management team of ambitious, vibrant, highly qualified professionals having techno commercial skills & ability to update with latest trends & requirements of our client. Our team's passion is to take challenges and to deliver to the expectation of our clients.



## VISION

Alsta is committed to provide world-class flexible cables to our customers across the nation and around the world. We strive to achieve our mission to be a leading producer of innovative wire & cable products.



## MISSION

Alsta strives for global leadership in specialized flexible cables, offering reliability and cost-effectiveness. We provide quick, personalized service and foster partnerships for genuine customer satisfaction, driven by market insights and collaboration.



## VALUE

At Alsta, we prioritize customer needs, champion innovation, foster partnerships, promote environmental consciousness, and uphold ethical standards to ensure reasonable profits & sustainable value creation for all stakeholders.





# Why Choose Us ?



## **Assurance of Quality:**

Alsta Wire and Cable prioritizes excellence, delivering products that meet the highest standards of quality and reliability.



## **Seamless Solutions:**

Alsta Wires and Cables offers streamlined solutions, providing you with efficient and hassle-free transactions from inquiry to delivery.



## **Assured Support:**

At Alsta, we are committed to providing dedicated support, ensuring that your wires & cables needs are met with expertise and efficiency.



## **Lasting Connections:**

Our wires & cables are engineered to establish enduring connections, ensuring seamless communication and power transmission.



## **Technological Precision:**

Our cables integrate cutting-edge technology, guaranteeing precision & performance in every connection.



# Features

High Flame Retardancy



F.R Insulation for better safety

99.97% Pure Copper



High conductivity of copper

High Thermal Stability



Smooth surface and hence increased easiness to be pulled easily in pipes during installation

Bunched Conductor



High discoloration resistance capacity of copper conductors

High ageing property of PVC insulation

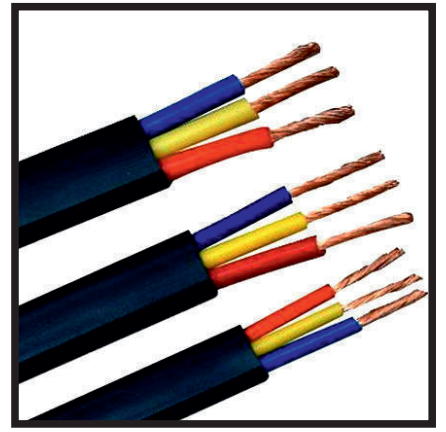


Better flexibility for easy wiring

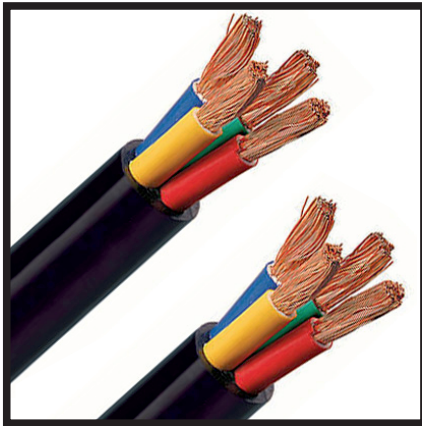
# PRODUCT RANGE



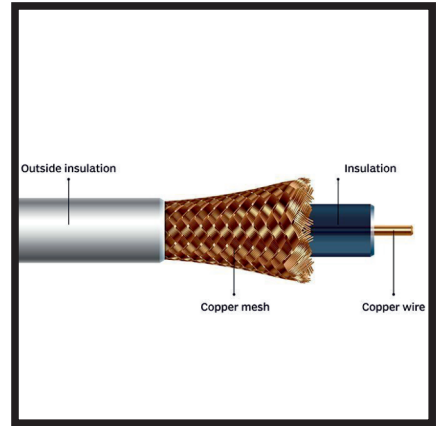
**House Wires**



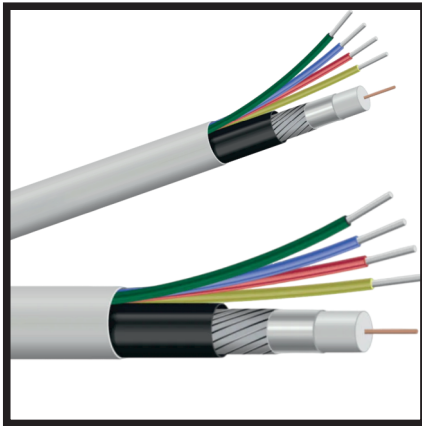
**Submersible Cables**



**Round Flexibles**



**Co-Axial Cables**



**CCTV Cables**



**Armoured Cables**

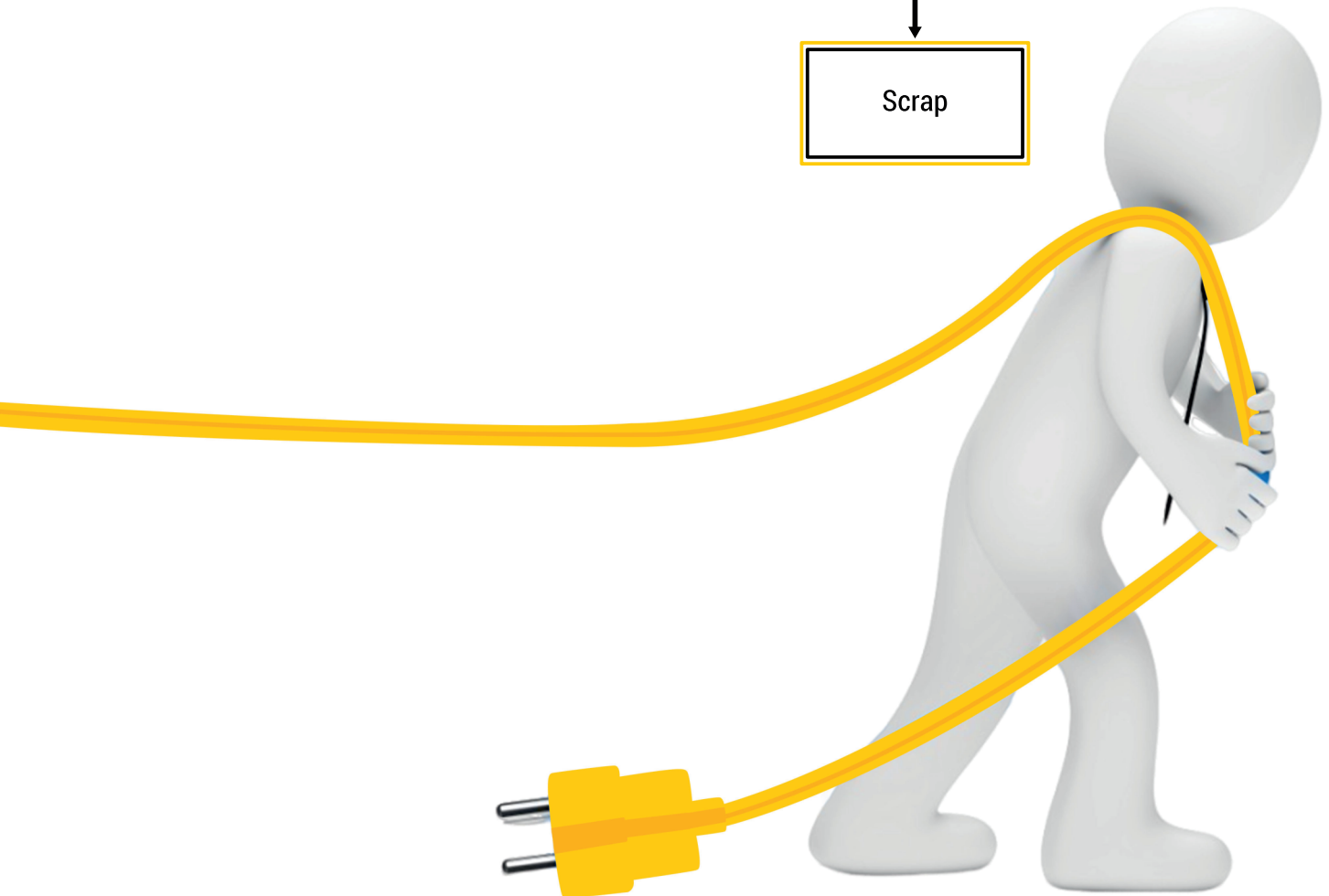
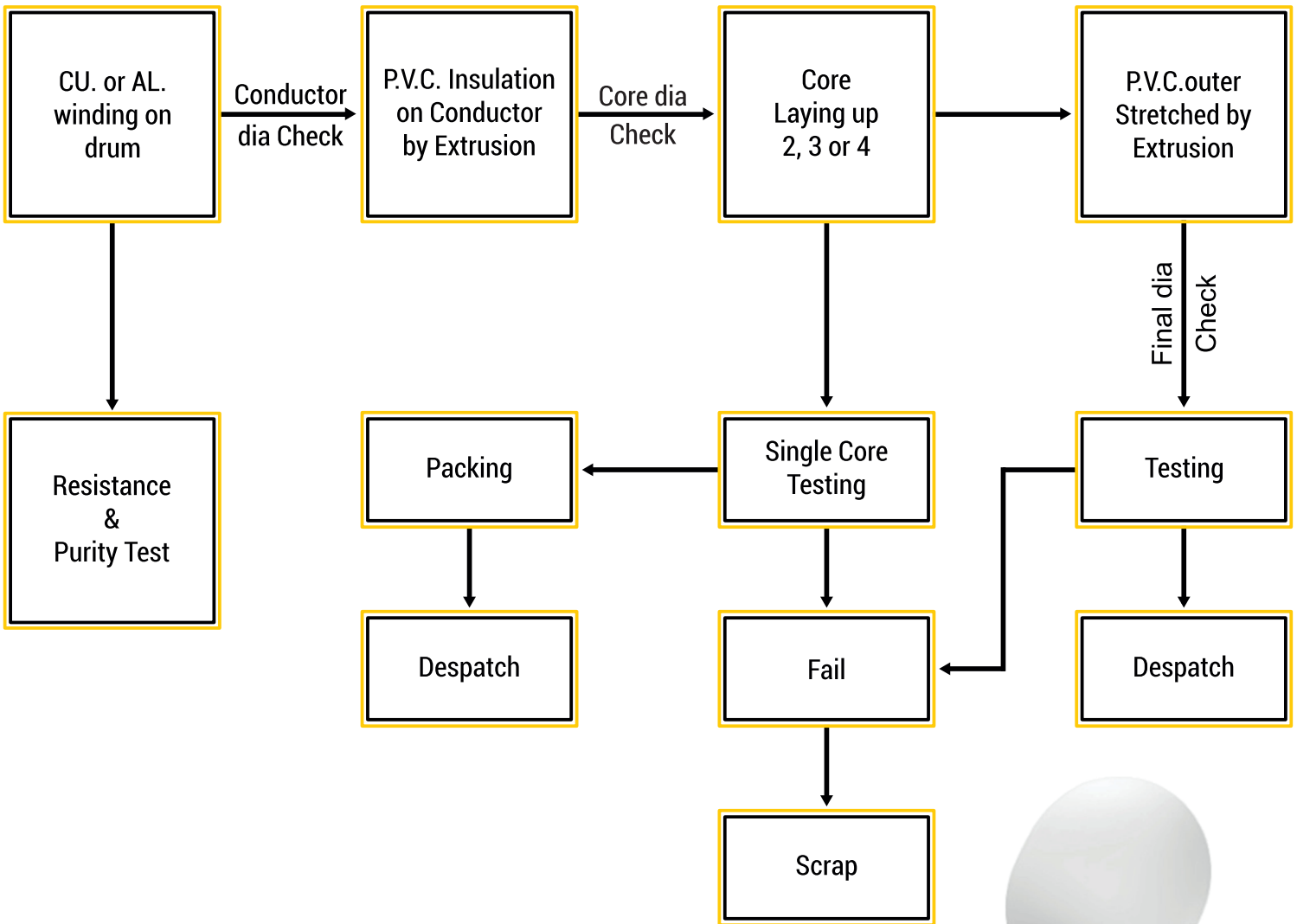


**Telephone Cables**



**Transparent Speaker Wire**

# PROCESS FLOW



## TEST REPORT

Name of Applicant/Licensee: ALSTA CABLE INDUSTRIES (INDIA) CM/L-7200221793

Address of Applicant/Licensee ; plot no137 pavvan indus park bakrol - bujarang Ahmedabad  
IS 694 2010  
Product POLYVINYL CHLORIDE INSULATED UNSHEATHED CABLE

Grade/Type/Variety/Class: 1.0 Sq mm Single core Unsheathed Cable Code "Y" Class 2

Copper conductor, Insulation Type A, Red Color Category 01

Declared values, if any

Batch/Lot No:- 220301

Sr. No.	Tests	Clause	IS Reference	Specified Requirement	Observed Value(s)	Remarks
1	Overall Dimensions	Section 2 and 3	694	3.20mm Max.	2.66mm	Pass
2	Avg. Thickness of Insulation	Section 2 and 3	694	0.6mm	0.76mm	Pass
3	Min. Thickness of Insulation	Section 2 and 3	694	0.44mm	0.62mm	Pass
4	Conductor Resistance at 20 C	7.3 Table 1, 2	8130	18.1 Ohm/Km Max.	17.26Ohm/Km	Pass
5	Tensile Strength and Elongation of Insulation (Before Ageing)	Table 1	5831	12.5 N per mm <sup>2</sup> and 150 Percent Min.	14.01N Per mm <sup>2</sup> and 225 Percent	Pass
6	Shrinkage Test of Insulation	Table 1, 2	5831	4 Percent Max.	1 Percent	Pass
7	Heat Shock Test	Table 1, 2	5831	No Sign of Cracks or Scale	No Sign of Cracks or Scale Observed	Pass
8	Hot Deformation Test	Table 1, 2	5831	50 Percent Max.	29 Percent	Pass
9	Insulation Resistance Test at 27 C (Volume Resistivity)	Table 1	5831	1 x 10 <sup>13</sup> Ohm-Cm Min.	2.65x 10 <sup>13</sup> Ohm-Cm	Pass
10	Insulation Resistance Test at 70 C (Volume Resistivity)	Table 1	5831	1 x 10 <sup>10</sup> Ohm-Cm Min.	1.05x 10 <sup>11</sup> Ohm-Cm	Pass
11	H V Test at Room Temperature	10.1	694	3 kV for 5 Minute	Withstood The Test	Pass
12	Flammability test	10.4	694	Time after remove of flame 60 Second Max Unaffected Portion 50mm Min.	2 Second 360 mm	Pass

Note: Attach extra sheet, if required

## OUR PROJECTS & CLIENTS

- TNPL
- Reliance Infrastructure
- Wire International India LLP
- Sharon Engineering PVT. LTD.
- Shanpros Consulting and Contracting (OPC) PVT. LTD.
- Hotel BK SAN Trichy
- Jascon Energy PVT. LTD.
- Zircon Energy Solutions LTD.
- Chill Frost Solutions PVT. LTD.
- Esteem Hydro System PVT. LTD.



## **ALSTA CABLE INDUSTRIES (INDIA)**

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