



"Together we Progress"



monexTM
WINDING WIRES



moniflex[®]

PURE ELECTROLITE COPPER TRIPLE
COATED WIRE FOR SUBMERSIBLE MOTORS

IS: 8783



An  Certified Product

monica[®]
WINDING WIRES



AN ISO 9001:2008 CERTIFIED COMPANY

HEAVY DUTY ELECTROLYTIC COPPER WIRE

Three decades ago monica group was formed to serve the Indian industry. We are satisfying our customers need through quality product and services. "Together we progress" that's what we believe in. Today we are held in high esteem in electrical industries, thanks to our commitment and consistency over the years.

With innovations and technology advancement we are leading manufactures & distributors in:-

- P.V.C. Wires & cables
- Submersible winding wire
- Three core flat cables
- Super enamelled winding wire
- Financial Services
- Construction industry

- Pharmaceutical industry
- Ceramics industry
- Stamping (Motors)

Jainson

moniflex

monikab

monica

Rahul India Ltd.

Raksha builder & promoters pvt Ltd

Ashish ventures

Sunlife sciences

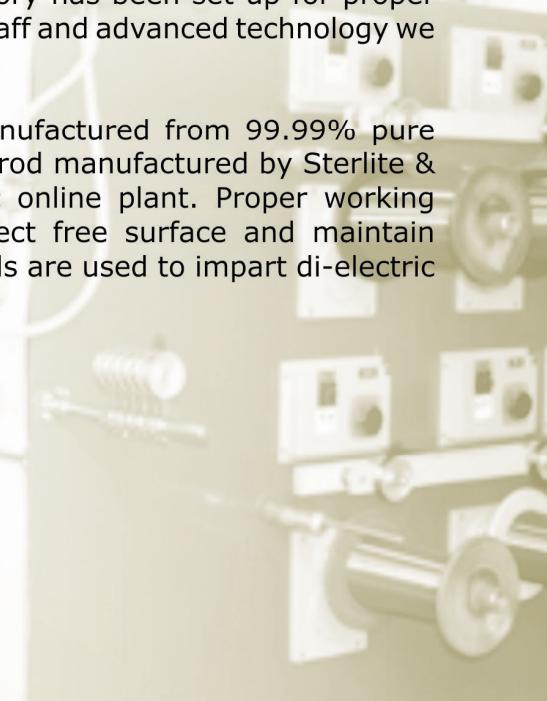
KNS Ceramics

Mahaveer Traders



Sherul insulations pvt ltd (SIPL) was established in 1983 with the purpose of serving winding wire industry. SIPL is an ISO 9001:2008 certified company. A clear focus on manufacturing magnet winding wire & cables has been set up. We are leading manufacturing in copper & aluminium insulated winding wire & cables. We have been able to achieve higher standards and customer satisfaction through our innovating ideas and consistency in our quality. We have advanced technique catalytic enamelling plant of European technology for enamelling section; wiredrawing technology has been adopted from Germany. Water softener and de-mineralized plant has been set up to get desired quality of water. A well equipped laboratory has been set up for proper testing. With combination of experienced, skilled, professional staff and advanced technology we are able to achieve our goals.

CONDUCTOR & INSULATION: - Monex winding wire is manufactured from 99.99% pure electrolytic grade of copper. We use continuous casting copper rod manufactured by Sterlite & Birla copper. It's drawn and annealed in our fully automatic online plant. Proper working environment and systematic method helps in producing defect free surface and maintain excellent mechanical properties. The best available wire enamels are used to impart di-electric strength in wire.



Technical Data

SWG	Size in mm	Covering		BDV Volts (single)	Elong. Percentage		Spring Back	Resistance At 20 C Ohms/mt
		Min	Max		Min	Max		
8	4.064	4.194	4.228	5 kv	39	41	-	0.001329
9	3.657	3.780	3.812	5 kv	39	41	-	0.001641
10	3.251	3.366	3.397	5 kv	38	40	-	0.002077
11	2.946	3.058	3.089	5 kv	38	40	-	0.002529
12	2.640	2.742	2.775	5 kv	37	39	-	0.003140
13	2.336	2.435	2.465	5 kv	37	39	-	0.004021
14	2.032	2.123	2.152	5 kv	37	39	-	0.005316
14.5	1.931	2.020	2.048	5 kv	36	38	-	0.005893
15	1.829	1.917	1.945	5 kv	36	38	-	0.006562
15.5	1.728	1.813	1.841	5 kv	35	38	-	0.007360
16	1.626	1.700	1.730	5 kv	35	38	20	0.008303
16.5	1.524	1.600	1.630	5 kv	35	38	22	0.009452
17	1.422	1.500	1.530	5 kv	35	38	24	0.01086
17.5	1.320	1.400	1.430	5 kv	34	37	27	0.01282
18	1.219	1.300	1.330	5 kv	34	37	30	0.01478
18.5	1.119	1.190	1.220	5 Kv	33	36	32	0.01802
19	1.016	1.080	1.110	5 kv	33	36	34	0.02127
19.5	0.965	1.030	1.060	5 kv	32	35	36	0.02378
20	0.914	0.980	1.010	5 kv	32	35	37	0.02630
20.5	0.863	0.930	0.960	5 kv	31	34	38	0.02970
21	0.813	0.880	0.900	4 kv	31	34	39	0.03320
21.5	0.762	0.830	0.850	4 kv	30	33	37	0.03830
22	0.711	0.770	0.790	4 kv	30	33	35	0.04340
22.5	0.660	0.720	0.740	4 kv	30	33	37	0.05120
23	0.610	0.670	0.690	4 kv	30	33	40	0.05900
24	0.559	0.610	0.630	4 kv	29	32	36	0.07030
25	0.508	0.560	0.580	3 kv	28	31	36	0.08510
26	0.457	0.510	0.530	3 kv	28	31	38	0.1051
27	0.417	0.455	0.460	3 kv	28	30	41	0.1262
28	0.376	0.415	0.420	3 kv	27	30	42	0.1553
29	0.345	0.385	0.390	3 kv	27	30	42	0.1944
30	0.315	0.350	0.355	3 kv	27	30	42	0.2212
31	0.295	0.325	0.330	2.5 kv	25	28	46	0.2523
32	0.274	0.305	0.310	2.5 kv	25	28	46	0.2924
33	0.254	0.285	0.290	2.5 kv	25	28	46	0.3403
34	0.234	0.265	0.270	2 kv	24	27	49	0.4009
35	0.213	0.245	0.250	2 kv	23	26	51	0.4839
36	0.193	0.220	0.225	1.5 kv	23	26	52	0.5893

QUALITY POLICY: - our quality assurance department conduct training programs from time to time to improve working ability of our work force. They make sure that everyone follows the guidelines laid down by company. Proper batch no. and data are maintained for further assistance.

We conduct following test: -

- **Surface smoothness**
- **Elongation**
- **Springiness**
- **Jerk test**
- **Mandrel test**
- **Resistance to Abrasion.**
- **Electrical Resistance**
- **Break down voltage.**
- **Continuity of covering.**
- **Heat shock test.**
- **Cut through test.**
- **Thermal Endurance.**
- **Tan Delta test**
- **High temp failure test.**
- **Solvent test**
- **Solder test**



In today's business world everyone is looking for solutions that will keep them profitable and innovating ideas to stand out from the crowd. We makes things possible for them by giving according to their needs. Lets join hands for better & prosperous Future.

Mfd. by:

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