

ZHENGZHOU TASUU INDUSTRY CO.,LTD

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PRODUCT TYPES

Enameled wire

Kapton wire

Self bonding wire

Paper covered winding wire

Fiberglass covered winding wire

Fiberglass covered enameled wire

Polyester&fiberglass covered winding wire

Copper/Aluminium Strip

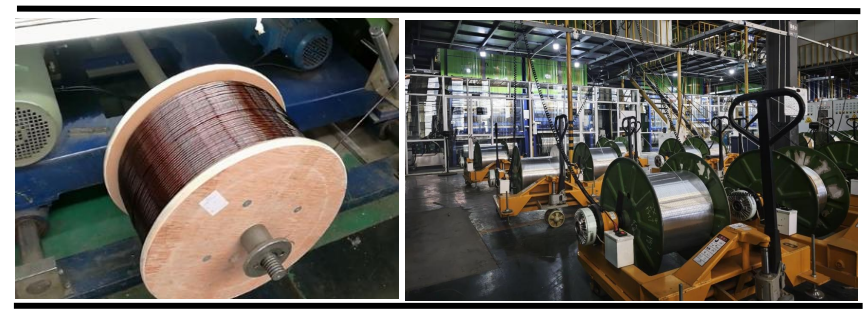


Round Enameled Wire



Product	Round Enameled Wire
Raw Material	99.97%copper/99.7%aluminium
Conductor	Copper/Aluminium/Copper Clad Aluminium
Diameter(mm)	0.01-6.0
Thermal class	Class F(155℃)/Class H(180℃)/ Class C(200℃) Class N(220℃)/240℃
Insulation thickness	Grade1/Grade2/Grade3
Technical standard	IEC/JIS/NEMA/GB
Package	PT4/PT10/PT15/PT25/PT60/PT90/PT200/ Wooden spool
Application	Transformer/Motor/Generator/ Welding machine,etc.

Flat Enameled Wire



Product	Flat Enameled Wire
Raw Material	99.97%copper/99.7%aluminium
Conductor	Copper/Aluminium
Size(mm)	CU:Narrow side:0.8-5.6/Wide side:2.0-16.0 AL:Narrow side:1.0-8.0/Wide side:3.0-25.0
Thermal class	Class F(155℃)/Class H(180℃) Class C(200℃) Class N(220℃)
Insulation thickness	Grade1/Grade2
Technical standard	IEC/JIS/NEMA/GB
Package	Plastic spool/Wooden spool
Application	Transformer/Motor/Generator/ Welding machine,etc.

Enameled CCA Wire



Product	Enameled CCA Wire
Raw Material	CCA rod(30%CU)/CCA rod(40%CU)
Conductor	Copper Clad Aluminium Wire
Diameter	0.08-4.0mm
Thermal class	Class F(155℃)/Class H(180℃)
Insulation thickness	Grade1/Grade2/Grade3
Technical standard	GB/T 6109-2008
Package	PT4/PT10/PT15/PT25/PT30
Application	Fan motor/Toroidal inductor, etc.
MOQ	For cca wire(30%cu), 500kgs For cca wire(40%cu), 1000kgs

Self Bonding Wire



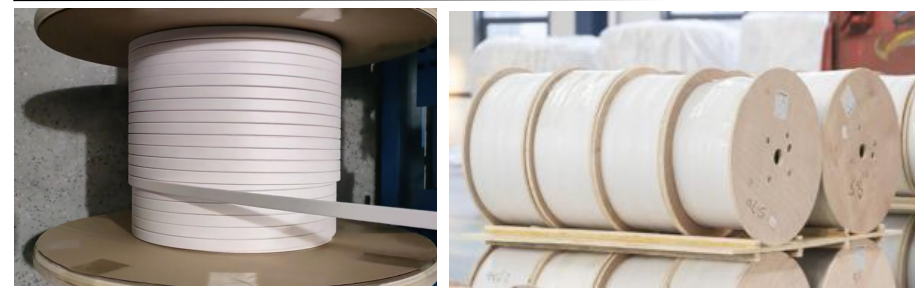
Product	Self Bonding Wire
Raw Material	99.97%copper
Conductor	Copper
Diameter	0.08-1.0mm
Self-adhesive type	Alcohol/Hot air
Thermal class	Class F(155℃)/Class H(180℃)/ Class C(200℃) Class N(220℃)/240℃
Insulation thickness	Grade1/Grade2/Grade3
Technical standard	GB/T 6109.1-2025
Package	PT2/PT4/PT10/PT15
Application	Voice speaker/Earphones, etc.

Kraft Paper Covered Winding Wire



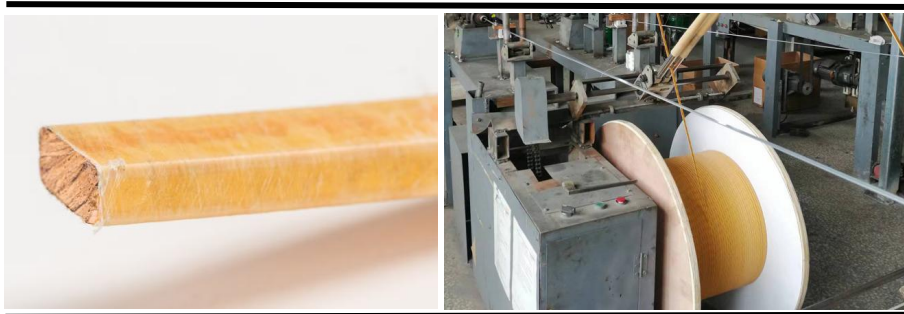
Product	Kraft Paper Covered Winding Wire
Raw Material	99.97%copper/99.7%aluminium
Conductor	Copper/Aluminium
Shape	Round/Flat
Size(mm)	CU:Narrow side:0.8-5.6/Wide side:2.0-16.0 AL:Narrow side:1.0-8.0/Wide side:3.0-25.0
Insulation layer	Kraft papers
Insulation thickness	0.30/0.32/0.35mm
Technical standard	GB/T 7673.3-2008
Package	Plastic spool/Wooden spool
Application	Transformer

Non-woven Paper Covered Winding Wire



Product	Non-woven Paper Covered Winding Wire
Raw Material	99.97%copper/99.7%aluminium
Conductor	Copper/Aluminium
Shape	Round/Flat
Size(mm)	CU:Narrow side:0.8-5.6/Wide side:2.0-16.0 AL:Narrow side:1.0-8.0/Wide side:3.0-25.0
Insulation layer	Non-woven paper
Insulation thickness	0.30/0.32/0.35mm
Technical standard	GB/T 7673.3-2008
Package	Plastic spool/Wooden spool
Application	Transformer

Fiberglass Covered Flat Winding Wire



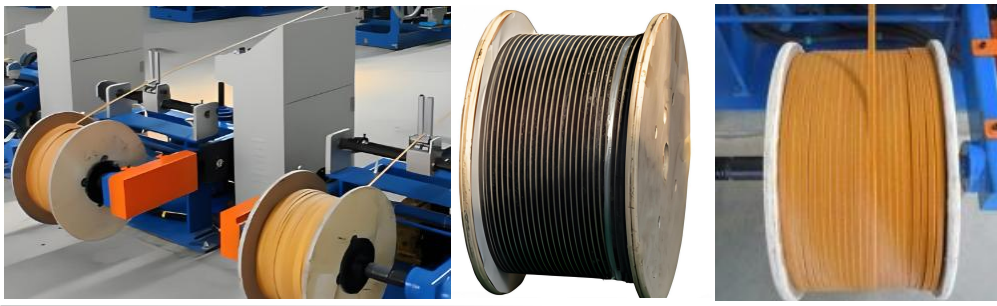
Product	Fiberglass Covered Winding Wire
Raw Material	99.97%copper/99.7%aluminium
Conductor	Copper/Aluminium
Shape	Flat
Size(mm)	CU:Narrow side:0.8-5.6/Wide side:2.0-16.0 AL:Narrow side:1.0-8.0/Wide side:3.0-25.0
Insulation layer	Fiberglass
Insulation thickness	0.23/0.25/0.27/0.30mm
Technical standard	GB/T 7672.1-2008
Package	Plastic spool/Wooden spool
Application	Transformer/UPS power supply

Fiberglass Covered Round Winding Wire



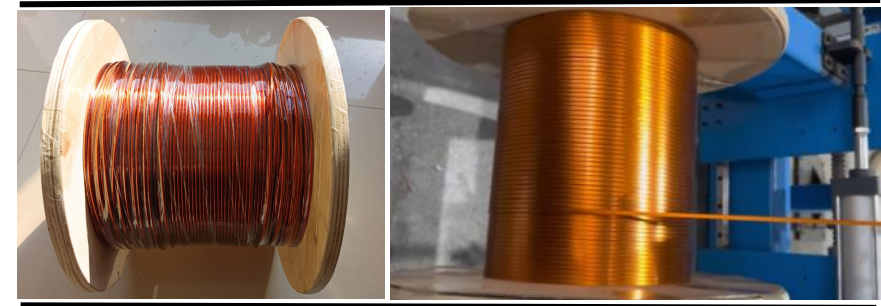
Product	Fiberglass Covered Winding Wire
Raw Material	99.97%copper/99.7%aluminium
Conductor	Copper/Aluminium
Shape	Round
Size(mm)	1.0-3.0mm
Insulation layer	Fiberglass
Insulation thickness	0.23/0.25/0.27/0.30mm
Technical standard	GB/T 7672.1-2008
Package	Plastic spool/Wooden spool
Application	Transformer Stabilizer

Fiberglass Covered Enameled Wire



Product	Fiberglass Covered Enameled Wire
Raw Material	99.97%copper/99.7%aluminium
Conductor	Copper/Aluminium
Shape	Round/Flat
Size(mm)	CU:Narrow side:0.8-5.6/Wide side:2.0-16.0 AL:Narrow side:1.0-8.0/Wide side:3.0-25.0
Thermal class	Class F(155℃)/Class H(180℃)/Class C(200℃)
Insulation layer	Insulating paint+Fiberglass
Fiberglass thickness	0.23/0.25/0.27/0.30mm
Technical standard	GB/T 7672.3 / 7672.4 / 7672.5
Package	Plastic spool/Wooden spool
Application	Transformer/UPS power supply

Kapton Wire



Product	Kapton film covered winding wire
Raw Material	99.97%copper/99.7%aluminium
Conductor	Copper/Aluminium
Shape	Round/Flat
Size(mm)	CU:Narrow side:0.8-5.6/Wide side:2.0-16.0 AL:Narrow side:1.0-8.0/Wide side:3.0-25.0
Thermal class	240℃
Insulation layer	Polyimide film
Insulation thickness	0.1mm
Technical standard	GB/T 23310-2009
Package	Plastic spool/Wooden spool
Application	Transformer/UPS power supply

Aluminium Strip



Product	Aluminiumn Strip
Raw Material	99-99.7%aluminium
Conductor	Aluminium
Shape	Flat strip
Size(mm)	Thickness: 0.1 mm ~ 12 mm Width: 20 mm ~ 2000 mm
Inner Diameter	300mm/400mm/500mm/600mm
Grade	1050/1060/1070/1100
Temper	O/H
Technical standard	GB/T 3190-2008
Package	Eyes to the Sky/Eyes to the Wall
Application	Transformer/Cable Tape/Explosion-proof Valve

Copper Strip

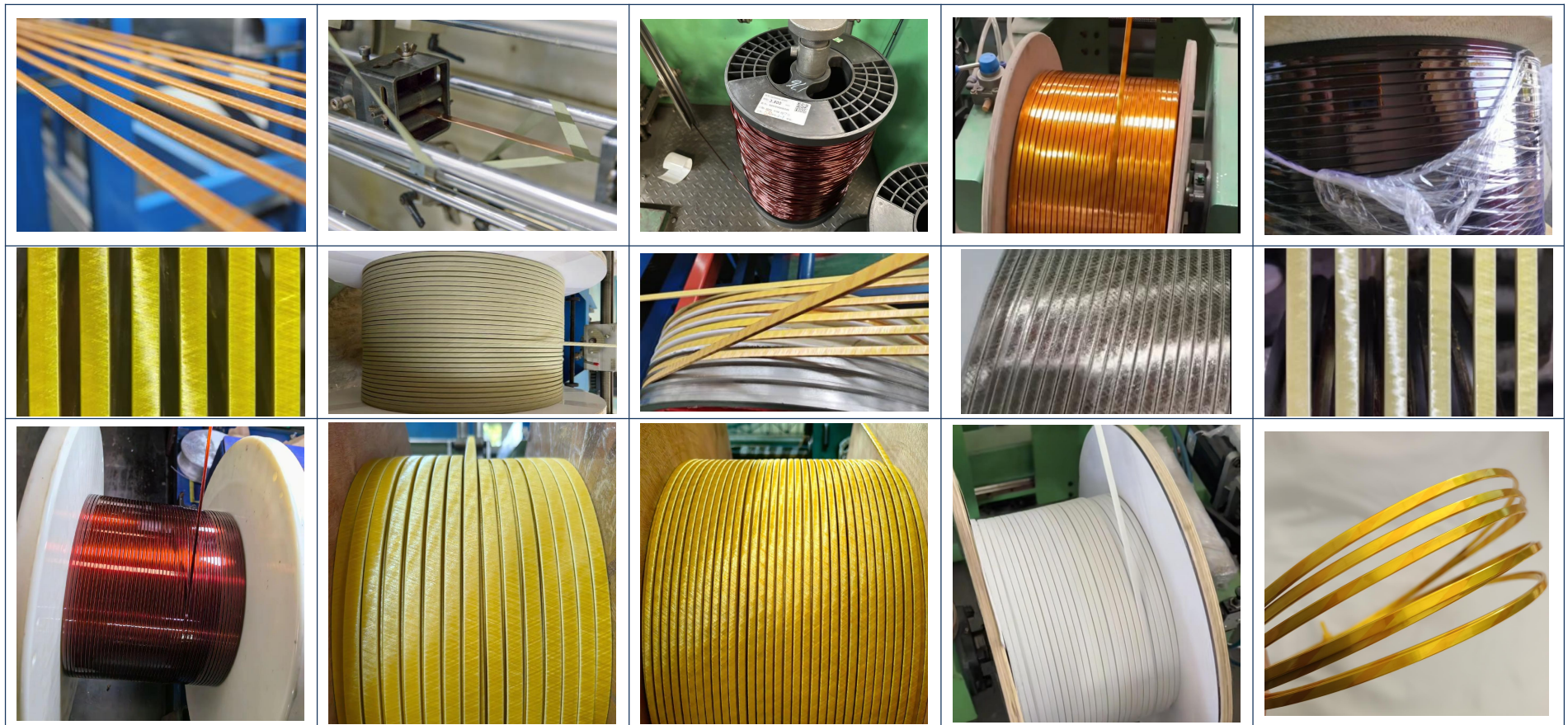


Product	Copper Strip
Raw Material	99.90%-99.97%copper
Conductor	Copper
Shape	Flat strip
Size(mm)	Thickness: 0.1 mm ~ 15 mm Width: 3 mm ~ 600mm
Inner Diameter	300mm/400mm/500mm/600mm
Grade	T2/TU2
Temper	O/H
Technical standard	GB/T 5187
Package	Eyes to the Sky/Eyes to the Wall
Application	Transformer/Cable Tape/Explosion-proof Valve

TASUU Factory Exhibition



TASUU Product Exhibition



We will arrange for professional personnel to conduct quality inspections before the products leave the factory.

Test Report Of ECCA Wire			
Specimen Type: QA-1/155℃		Customer: Mr.Dinesh	
Nominal Diameter: 0.90mm		Test Standard: GB/T6109	
Machine No: 5# Machine		Report No: 2025103025	
Test Characteristics	Units	Standard	Test Data
Surface		Bright and Without Crack	Excellent
Dimensions:			
Bare Diameter wire	mm	0.90±0.009	0.901
Out-of-roundness	mm	±0.009	0.001
Enamel Thickness	mm	≥0.032	0.048
Overall diameter	mm	≤0.959	0.949
D.C. resistance(20℃)	Ω/m	≤0.0422	0.413
Elongation	%	≥23	28
Max spring-back (°)	°	≤45	33
Adherence & flexibility:			
Mandrel winding test	---	1D winding enamel no cracking	Good
Jerk test	---		Good
Breakdown voltages	KV	≥2.7KV at Room Temperature	5.5
Continuity(30m)		Within 30ms max 25pcs, No. of faults	Good
Heat shock	---	175℃ No cracking	Good
Cut through temperature	℃	2min 200℃	OK
Pinhole test (5m 0.2%)		In 6 meters ≤5Pieces	0
Average Scratch resistance	N	5.20	8.14
Direct solderability		390℃ 3S	Good
Conclusion: Good		Date: Oct 30th,2025	
Tested by: Yang Liang		Approved by: Huang Guang	

Test Report of Enameled Copper Wire			
Specimen Type: 1UEW/180		Customer: for Indian client	
Nominal Diameter: 0.045mm		Date : 2025.3.5	
Machine No. : #5 Machine		Report No. : 2025030516	
Product Standard: GB/T6109-2008		Test Standard:GB/T4074-2008	
Item	Test Characteristics	Standard	Test Data
Appearance	Surface	Bright and Without Crack	Excellent
Dimensions	Bare Diameter wire	0.045±0.001mm	0.045mm
	Enamel Thickness	≥0.011mm	0.012mm
	Overall diameter	≤0.061mm	0.057mm
Mechanical properties	Elongation	≥9%	20%
	Adherence & flexibility	20%/0.15mm No cracking	Excellent
	Mandrel winding test	3D winding enamel no cracking	Excellent
Chemical properties	Solvent resistance	Paint film hardness≥ H	Excellent
	Solderability	390±5℃ 2.0S	Excellent
Electrical performance	D.C. resistance(20℃)	Max 11.790 Ω/m	10.946 Ω/m
		Min 9.705 Ω/m	
	Breakdown voltages	Four out of five samples should not break down at 0.275 kV.	1.6kV.
	Continuity(30m)	Within 30ms max 60pcs, No. of faults	0
Thermal properties	Heat shock	0.150mm elongation, 20% resistance, no cracking at 200℃	Excellent
Conclusions	Qualified		

TASUU Package and Delivery



TASUU Wire Gauge of Round Enameled Wire



Gauge	SWG			AWG		
	Inch	mm	mm ²	Inch	mm	mm ²
1	0.300	7.620	45.630	0.269	7.350	42.429
2	0.276	7.010	38.594	0.258	6.540	33.592
3	0.252	6.400	32.169	0.229	5.830	26.694
4	0.232	5.890	27.247	0.204	5.190	21.155
5	0.212	5.380	22.732	0.182	4.620	16.763
6	0.192	4.880	18.703	0.162	4.110	13.267
7	0.176	4.470	15.692	0.144	3.660	10.520
8	0.160	4.060	12.946	0.128	3.260	8.346
9	0.144	3.660	10.520	0.114	2.900	6.605
10	0.128	3.250	8.295	0.102	2.590	5.268
11	0.116	2.950	6.834	0.091	2.300	4.154
12	0.104	2.640	5.473	0.081	2.050	3.300
13	0.092	2.340	4.300	0.072	1.830	2.630
14	0.081	2.030	3.236	0.064	1.630	2.086
15	0.072	1.830	2.630	0.057	1.450	1.651
16	0.064	1.630	2.086	0.051	1.290	1.306
17	0.056	1.420	1.583	0.045	1.150	1.038
18	0.048	1.220	1.168	0.040	1.020	0.817
19	0.040	1.020	0.817	0.036	0.910	0.650
20	0.036	0.920	0.664	0.032	0.810	0.515

21	0.032	0.810	0.515	0.028	0.720	0.407
22	0.028	0.710	0.395	0.025	0.640	0.321
23	0.024	0.610	0.292	0.023	0.570	0.255
24	0.023	0.560	0.246	0.020	0.510	0.204
25	0.020	0.510	0.204	0.018	0.450	0.159
26	0.018	0.460	0.166	0.016	0.400	0.125
27	0.016	0.410	0.132	0.014	0.360	0.101
28	0.014	0.380	0.101	0.013	0.320	0.080
29	0.013	0.350	0.096	0.011	0.290	0.066
30	0.012	0.305	0.073	0.010	0.250	0.049
31	0.011	0.290	0.066	0.090	0.229	0.041
32	0.011	0.270	0.057	0.080	0.203	0.032
33	0.010	0.254	0.050	0.070	0.178	0.024
34	0.009	0.229	0.041	0.063	0.160	0.020
35	0.008	0.203	0.032	0.056	0.140	0.015
36	0.007	0.178	0.024	0.050	0.127	0.012
37	0.007	0.170	0.022	0.004	0.110	0.009
38	0.006	0.150	0.017	0.004	0.102	0.008
39	0.005	0.127	0.012	0.004	0.090	0.006
40	0.005	0.120	0.011	0.003	0.080	0.005

TASUU Wire Gauge of Flat Enameled Wire



Wide side	Narrow side																																				
	0.80	0.85	0.90	0.95	1.00	1.06	1.12	1.18	1.25	1.32	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.12	2.24	2.36	2.50	2.65	2.80	3.00	3.15	3.35	3.55	3.75	4.00	4.25	4.50	4.75	5.00	5.30	5.60		
	Corner radius =1/2a					Corner radius=0.5mm								Corner radius=0.65mm							Corner radius=0.8mm							Corner radius=1.0mm									
2.00	1.463	-	1.626	-	1.785	-	2.025	-	2.285	-	2.585																										
2.12	-	x	-	x	-	x	-	x	-	x	-	x																									
2.24	1.655	-	1.842	-	2.025	-	2.294	-	2.585	-	2.921	-	3.369																								
2.36	-	x	-	x	-	x	-	x	-	x	-	x	-	x																							
2.50	1.863	-	2.076	-	2.285	-	2.535	-	2.910	-	3.285	-	3.785	-	4.137																						
2.65	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x																					
2.80	2.103	-	2.346	-	2.585	-	2.921	-	3.285	-	3.705	-	4.265	-	4.677	-	5.237																				
3.00	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x																			
3.15	2.383	-	2.661	-	2.935	-	3.313	-	3.723	-	4.195	-	4.825	-	5.307	-	5.937	-	6.693																		
3.35	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x																	
3.55	2.703	-	3.021	-	3.335	-	3.761	-	4.223	-	4.755	-	5.465	-	6.027	-	6.737	-	7.589	-	8.326																
3.75	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x															
4.00	3.063	-	3.426	-	3.785	-	4.265	-	4.785	-	5.385	-	6.185	-	6.837	-	7.637	-	8.597	-	9.451	-	10.65														
4.25	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x													
4.50	3.463	-	3.876	-	4.285	-	4.825	-	5.410	-	6.085	-	6.985	-	7.737	-	8.637	-	9.717	-	10.70	-	12.05	-	13.63												
4.75	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x											
5.00	3.863	-	4.326	-	4.785	-	5.385	-	6.035	-	6.785	-	7.785	-	8.637	-	9.637	-	10.84	-	11.95	-	13.45	-	15.20	-	17.20										
5.30	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x									
5.60	4.343	-	4.866	-	5.385	-	6.057	-	6.785	-	7.625	-	8.745	-	9.717	-	10.84	-	12.18	-	13.45	-	15.13	-	17.09	-	19.33	-	21.54								
6.00	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x							
6.30	4.903	-	5.496	-	6.085	-	6.841	-	7.660	-	8.605	-	9.865	-	10.98	-	12.24	-	13.75	-	15.20	-	17.09	-	19.30	-	21.82	-	24.34	-	27.49						
6.70		x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	
7.10			6.216	-	6.885	-	7.737	-	8.660	-	9.725	-	11.15	-	12.42	-	13.84	-	15.54	-	17.20	-	19.33	-	21.82	-	24.66	-	27.54	-	31.09	-	34.64				
7.50				x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	
8.00					7.785	-	8.745	-	9.785	-	10.99	-	12.59	-	14.04	-	15.64	-	17.56	-	19.45	-	21.85	-	24.65	-	27.85	-	31.14	-	35.14	-	39.14	-	43.94		
8.50						x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	
9.00							9.865	-	11.04	-	12.39	-	14.19	-	15.84	-	17.64	-	19.80	-	21.95	-	24.65	-	27.80	-	31.40	-	35.14	-	39.64	-	44.14	-	49.54		
9.50								x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	
10.00									12.29	-	13.79	-	15.79	-	17.64	-	19.64	-	22.04	-	24.45	-	27.45	-	30.95	-	34.95	-	39.14	-	44.14	-	49.14	-	55.14		
10.60										x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	
11.20											15.47	-	17.71	-	19.80	-	22.04	-	24.73	-	27.45	-	30.81	-	34.73	-	39.21	-	43.94	-	49.54	-	55.14	-	61.86		
11.80												x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	
12.50													19.79	-	22.14	-	24.64	-	27.64	-	30.70	-	34.45	-	38.83	-	43.83	-	49.14	-	55.39	-	61.54	-	69.14		
13.20														x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	
14.00															24.84	-	27.64	-	31.00	-	34.45	-	38.65	-	43.55	-	49.15	-	55.14	-	62.14	-	69.14	-	77.54		
15.00																	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	x	-	
16.00																			31.64	-	35.48	-	39.45	-	44.25	-	49.85	-	56.25	-	63.14	-	71.14	-	79.14	-	88.74

"x" means the specifications that we don't recommend to clients.
 We do not recommend specifications with a width/narrow ratio less than 1.4:1
 We do not recommend specifications with a width/narrow ratio greater than 8:1

The section area of "-" is specified in another table.

TASUU Specification of Enameled Copper Wire



Nominal conductor diameter (mm)	Conductor tolerance (mm)	Minimum film thickness (mm)			Maximum outside diameter (mm)		
		grade 1	grade 2	grade 3	grade 1	grade 2	grade 3
0.018		0.002	0.004		0.022	0.024	
0.020		0.002	0.004		0.024	0.027	
0.022		0.002	0.005		0.027	0.030	
0.025		0.003	0.005		0.031	0.034	
0.028		0.003	0.006		0.034	0.038	
0.032		0.003	0.007		0.039	0.043	
0.036		0.004	0.008		0.044	0.049	
0.040		0.004	0.008		0.049	0.054	
0.045		0.005	0.010		0.055	0.061	
0.050		0.005	0.010		0.060	0.066	
0.056		0.006	0.011		0.067	0.074	

0.063		0.006	0.012		0.076	0.083	
0.071	0.003	0.007	0.012	0.018	0.084	0.091	0.097
0.080	0.003	0.007	0.014	0.020	0.094	0.101	0.108
0.090	0.003	0.008	0.015	0.022	0.105	0.113	0.120
0.100	0.003	0.009	0.016	0.023	0.117	0.125	0.132
0.112	0.003	0.010	0.017	0.026	0.130	0.139	0.147
0.125	0.003	0.011	0.019	0.028	0.144	0.154	0.163
0.140	0.003	0.012	0.021	0.030	0.160	0.171	0.181
0.160	0.003	0.013	0.023	0.033	0.182	0.194	0.205
0.180	0.003	0.014	0.025	0.036	0.204	0.217	0.229
0.200	0.003	0.014	0.027	0.039	0.226	0.239	0.252
0.224	0.003	0.015	0.029	0.043	0.252	0.266	0.280
0.250	0.004	0.017	0.032	0.048	0.281	0.297	0.312
0.280	0.004	0.018	0.033	0.050	0.312	0.329	0.345
0.320	0.004	0.019	0.035	0.053	0.349	0.367	0.384
0.355	0.004	0.020	0.038	0.057	0.392	0.411	0.428
0.380	0.005	0.020	0.039	0.058	0.416	0.435	0.453

0.400	0.005	0.021	0.040	0.060	0.439	0.459	0.478
0.450	0.005	0.022	0.042	0.064	0.491	0.513	0.533
0.500	0.005	0.024	0.045	0.067	0.544	0.566	0.587
0.53	0.005	0.024	0.046	0.069	0.575	0.598	0.620
0.560	0.006	0.025	0.047	0.071	0.606	0.630	0.653
0.630	0.006	0.027	0.050	0.075	0.679	0.704	0.728
0.650	0.006	0.027	0.052	0.078	0.721	0.747	0.771
0.710	0.007	0.028	0.053	0.080	0.762	0.789	0.814
0.800	0.008	0.030	0.056	0.085	0.855	0.884	0.911
0.850	0.009	0.031	0.058	0.087	0.907	0.947	0.965
0.900	0.009	0.032	0.060	0.090	0.959	0.989	1.018
1.000	0.010	0.034	0.063	0.095	1.062	1.094	1.124
1.120	0.011	0.034	0.065	0.098	1.184	1.217	1.248
1.180	0.012	0.035	0.066	0.099	1.250	1.268	1.315
1.250	0.013	0.035	0.067	0.100	1.316	1.349	1.381
1.320	0.013	0.036	0.068	0.102	1.392	1.426	1.458
1.400	0.014	0.036	0.069	0.103	1.468	1.502	1.535

1.500	0.015	0.037	0.070	0.105	1.569	1.604	1.638
1.600	0.016	0.038	0.071	0.107	1.670	1.706	1.740
1.800	0.018	0.039	0.073	0.110	1.872	1.909	1.944
2.000	0.020	0.040	0.075	0.113	2.074	2.112	2.148
2.240	0.022	0.041	0.077	0.116	2.316	2.355	2.392
2.500	0.025	0.042	0.079	0.119	2.578	2.618	2.656
2.800	0.028	0.043	0.081	0.123	2.880	2.922	2.961
3.150	0.032	0.045	0.084	0.127	3.233	3.276	3.316
3.550	0.036	0.046	0.086	0.130	3.635	3.679	3.721
4.000	0.040	0.047	0.089	0.134	4.088	4.133	4.176
4.500	0.045	0.049	0.092	0.138	4.591	4.637	4.681
5.000	0.050	0.050	0.094	0.142	5.093	5.141	5.186

TASUU Specification of Enameled Aluminium Wire



Nominal conductor diameter (mm)	Conductor tolerance (mm)	Minimum film thickness (mm)			Maximum outside diameter (mm)		
		grade 1	grade 2	grade 3	grade 1	grade 2	grade 3
0.250	0.004	0.017	0.032	0.048	0.281	0.297	0.312
0.280	0.004	0.018	0.033	0.050	0.312	0.329	0.345
0.315	0.004	0.019	0.035	0.053	0.349	0.367	0.384
0.355	0.004	0.020	0.038	0.057	0.392	0.411	0.428

0.400	0.005	0.021	0.040	0.060	0.439	0.459	0.478
0.450	0.005	0.022	0.042	0.064	0.491	0.513	0.533
0.500	0.005	0.024	0.045	0.067	0.544	0.566	0.587
0.560	0.006	0.025	0.047	0.071	0.606	0.630	0.653
0.630	0.006	0.027	0.050	0.075	0.679	0.704	0.728
0.710	0.007	0.028	0.053	0.080	0.762	0.789	0.814
0.800	0.008	0.030	0.056	0.085	0.855	0.884	0.911
0.900	0.009	0.032	0.060	0.090	0.959	0.989	1.018
1.000	0.010	0.034	0.063	0.095	1.062	1.094	1.124
1.120	0.011	0.034	0.065	0.098	1.184	1.217	1.248

1.250	0.013	0.035	0.067	0.100	1.316	1.349	1.381
1.400	0.014	0.036	0.069	0.103	1.468	1.502	1.535
1.600	0.016	0.038	0.071	0.107	1.670	1.706	1.740
1.800	0.018	0.039	0.073	0.110	1.872	1.909	1.944
2.000	0.020	0.040	0.075	0.113	2.074	2.112	2.148
2.240	0.022	0.041	0.077	0.116	2.316	2.355	2.392
2.500	0.025	0.042	0.079	0.119	2.578	2.618	2.656
2.800	0.028	0.043	0.081	0.123	2.880	2.922	2.961
3.150	0.032	0.045	0.084	0.127	3.233	3.276	3.316
3.550	0.036	0.046	0.086	0.130	3.635	3.679	3.721

4.000	0.040	0.047	0.089	0.134	4.088	4.133	4.176
4.500	0.045	0.049	0.092	0.138	4.591	4.637	4.681
5.000	0.050	0.050	0.094	0.142	5.093	5.141	5.186

①The copper conductor shall meet the requirements of enameled copper wire in GB/T 3953-2009, and the surface of copper wire shall be clean and smooth without burrs, scratches, oxide layer and oil stain.

Chemical composition (%)								
Cu	Ag	S	Sn	Pb	Zn	Fe	Ni	Impurity
99.96	0.001	0.0009	0.0001	0.0001	0.0009	0.0008	0.0002	--

②The aluminium conductor shall meet the requirements of enameled aluminium wire in GB/T3954-2014, and the surface of copper wire shall be clean and smooth without burrs, scratches, oxide layer and oil stain.

Chemical composition (%)								
Al	Si	Fe	Cu	Zn	Ti	V	Mg	Impurity
≥99.7%	0.057	0.1	0.001	0.001	0.001	0.005	0.001	0.20

③Copper Clad Aluminium Conductor

Type	Volume ratio	Mass ratio	Density
10A (30%CU)	10±2	30±6	3.32±0.12
15A (40%CU)	15±2	40±6	3.63±0.12

TASUU Insulating paint



Type	Name of insulating enamel	Thermal class
QQ/PVF	Polyethylene acetal	120
QZ/PEW	Polyester	130
QZ/PEW	Modified polyester	155
QA/UEW	Polyurethane	155
QZY/EIW	Polyimide	180
Q(ZY/XY)	Polyester or polyester overcoated with polyamide-imide	200/220
QY	Polyimide	240

TASUU Related Electrical Material



TASUU Contact Information



Manufacturer

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