



国信标检测认证(惠州)有限公司



中国认可
国际互认
检测
TESTING
CNAS L25596



报告编号: UCT0002D2012

Inspection report

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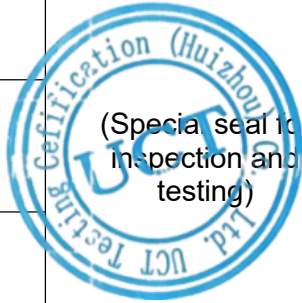
Consignor		Anping County Huirui Wire Mesh Factory
Address	:	No. 8, Jingqi Road, High Tech Development Zone, Anping County, Hengshui City, Hebei Province, China
Sample Name	:	Epoxy Resin Coated Wire Mesh
Model	:	/
Feeler mechanism		UCT Testing Cefication (Huizhou) Co., Ltd
	:	4/F., Building C, Xiangshuihe Industrial Zone, Longshan 6th Road, West District, Dayawan, Huizhou, Guangdong, China
Report date	:	July 30,2026
Kind of inspection	:	Entrusted Inspection

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Inspection report

Name of sample	Epoxy Resin Coated Wire Mesh			
Additional model	/			
Trademark	HUIRUI			
Sample size	1PCS			
Production unit	Anping County Huirui Wire Mesh Factory			
Manufacturer address	No. 8, Jingqi Road, High Tech Development Zone, Anping County, Hengshui City, Hebei Province, China			
Surveillance project	See later pages for details			
Period of testing	July 23, 2026 ~ July 30, 2026			
Test basis	GB/T 17492-2019、GB/T 6739-2022、GB/T 9286-2021、GB/T 13452.2-2008			
Test environment	Temperature: 20℃~25℃ humidity: 45%RH~70% RH air pressure: 86kPa~101kPa			
Detection result	See the report for details			
Remarks	/			
Chief Inspector	俞承熿	date :	July 30, 2026	
Auditing	马远强	date :	July 30, 2026	
Ratify	周江友	date :	July 30, 2026	



Supplementary Statement

1. This report will become invalid under any of the following circumstances:

a. Reports lacking the company's "Special Inspection and Testing Seal" are invalid.

b. Without the company's approval, testing reports may not be copied; any copy must bear the official "Testing Seal" again, otherwise it will be invalid.

c. A report without the signatures of the reviewer and approver is invalid.

d. Reports containing handwritten or altered data are invalid.

2. Any objections to the report must be submitted to our company within 15 days of receipt; submissions received after this period will not be accepted.

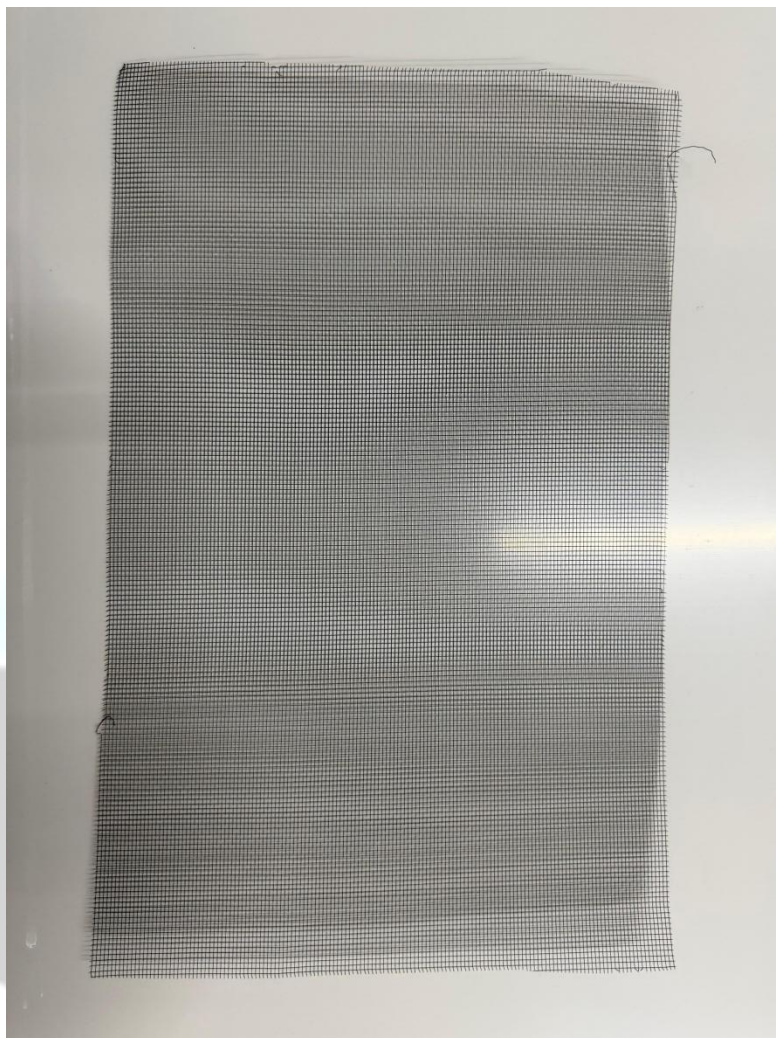
3. For commissioned testing, the representativeness of the samples shall be ensured by the commissioning entity.

a. This report is solely responsible for the inspection and testing results of the submitted samples.

b. If the client fails to collect the samples within one month from the date of receiving the test report, it shall be deemed that the testing entity is permitted to dispose of them at its discretion.



Sample Image



**Test Results Summary**

No.	Test Item	Technical Standard	Test Result	Judgement
1	Surface Appearance Quality	GB/T 17492-2019,no broken wires,skipped wires or large-area holes on mesh;coating free of blistering,peeling and dense pinholes;minor processing marks and short exposed wires at edges are acceptable	Complete weave without broken/skipped wires or holes,uniform intact coating,minor short exposed wires at four corners	Pass
2	Average Mesh Size Deviation	GB/T 17492-2019,average mesh size deviation shall not exceed corresponding $\pm Y_i$ limit	Nominal mesh size 3.15mm, Y_i limit 0.14mm,average warp&weft deviation 0.03mm	Pass
3	Maximum Single Mesh Size Deviation	GB/T 17492-2019,positive deviation of any single mesh shall not exceed corresponding X_i limit	Nominal mesh size 3.15mm, X_i limit 0.59mm,maximum full mesh positive deviation 0.12mm	Pass
4	Quantity of Major Weaving Defects	GB/T 17492-2019,for $1\text{mm} \leq w \leq 16\text{mm}$ mesh,maximum allowable major defects per 10m^2 mesh:3	Sample area 0.72m^2 , no major weaving defects	Pass
5	Overall Mesh Panel Dimension Deviation	GB/T 17492-2019,length&width deviation of rectangular panels within $\pm 0.5\%$ of nominal size,covering at least one mesh pitch	Nominal dimension $1200\text{mm} \times 600\text{mm}$,actual length 1203.6mm ,actual width 601.8mm ,length&width deviation both 0.30%	Pass
6	Original Metal Wire Diameter	GB/T 17492-2019,wire diameter matching combined specifications of GB/T 10611	Nominal wire diameter 0.50mm,average bidirectional section diameter 0.496mm	Pass



No.	Test Item	Technical Standard	Test Result	Judgement
7	Mass Per Unit Area	GB/T 17492-2019, mass per unit area deviation from theoretical nominal value $\leq \pm 4\%$	Theoretical value 1.62kg/m ² , actual value 1.58kg/m ² , deviation -2.47%	Pass
8	Dry Film Coating Thickness	GB/T 13452.2-2008, magnetic method for thickness measurement, controlled thickness range 20μm ~ 80μm	10-point thickness range 36μm ~ 58μm, average value 46μm	Pass
9	Pencil Hardness of Coating	GB/T 6739-2022, minimum acceptable coating hardness grade 2H	2H pencil with 750g load scratching, no coating scratches or substrate exposure	Pass
10	Cross-Hatch Adhesion of Epoxy Coating	GB/T 9286-2021, minimum acceptable grade for 1mm cross-hatch test: Grade 1	Zero coating peeling after tape removal, adhesion grade 0	Pass
11	Coating Flexibility Resistance	General paint technical specification, no cracking or peeling after bending	Bending 180° over 3mm mandrel, intact coating without cracks or flaking on bent area	Pass
12	Weave Structure & Wire Condition	GB/T 17492-2019, plain weave adopted, warp & weft wires tightly interlocked; no mandatory tolerance for wire deformation after weaving	Plain weave structure, tightly interlocked warp & weft without shifting or loosening, no abnormal wire deformation	Pass

End