

Coating properties

No.	Coating		Plating Thickness					
				Salt mist	PCT	Damp heat	Bond strength	Insulation
1	Pickling and epoxy		20-30um	240H	24H	500H	Good	Excellent
2	Phosphating and epoxy		20-30um	500H	24H	500H	Okay.	Excellent
3	Copper plus epoxy		20-30um	500H	48H	500H	Good	Excellent
4	Aluminum epoxide		20-30um	500H	96H	500H	Excellent	Excellent
5	Zn-Al coating		15-30um	200H	48H	200H	Good	General
6	Sprayed epoxy		15-30um	200H	96H	200H	General	Excellent
7	Galvanizing	Color film	Less than 10um	72H	Range	200H white rust	Good	Difference
8		Blue and white		48H		200H white rust	Good	
9	Single nickel		10-30um	12H	96H	500H	Good	Difference
10	Copper-nickel plating			24H			Good	
11	Copper and nickel			48H			Good	
12	Reduction technique			72H			Okay.	
13	Bright nickel			72H			Good	
14	Bilayer nickel			200H	200H		Good	
15	Electroless plating		10-30um	200H	200H	Okay.		
16	Phosphating		Less than 5um	Difference (0.25 H)	Difference	24H	Okay.	Poorer
17	New phosphating		Less than 3um	Difference (0.25 H)	Difference	24H	Okay.	
18	Pickling passivation		Less than 2um	Difference (0.25 H)	Difference	Difference (2H)	Okay.	
19	New pickling passivation		Less than 2um	Difference (0.25 H)	Difference	24H	Good	
20	Blue conversion film		Less than 3um	Difference (0.25 H)	Difference	24H	Okay.	
21	Aluminum plating		5-25um	500H	200H	200H	Excellent	Difference

Performance	
High and low	Comprehensive performance and evaluation
0	Excellent anticorrosion performance, easy to scratch coating, less than 200 degrees of use.
3-5%	
Below 5%	
0	
1	High reduction, excellent anticorrosion performance, high humidity and high pressure conditions are not
0	The coating is easy to scratch and corrosion resistance is generally suitable for high humidity environments.
Below 1%	Environmental passivation is suitable for various environments, but not for high humidity environments.
Below 3%	Salt fog resistance, excellent resistance to moisture and heat, weightlessness according to the requirements of different, different, in which the high-reduction process is reduced to less than 1%, generally less than 5%, salt fog 72 hours. The leaching time of bright nickel is more than 48 hours, the leaching height is less than 1%, and the salt spray time is 72 hours. The height of double layer nickel is less than 1%, and the salt spray time is 200 hours, which is equivalent to that of electroless plating.
Below 5%	
Below 1%	
Below 5%	No coating in the wet heat resistance is better, salt immersion is not good.
Below 1%	No coating in the wet heat resistance is better, salt immersion is not good.
0	Salt immersion is better without coating, but the wet heat is not good.
0	The adhesion is slightly worse in the uncoated, and the others are all very good.
0	No chemicals are used in the treatment process, which has no effect on the magnets, and the synthesis process
0	The anti-corrosive property of high-reduction and matrix is superior.

