



## Anping Shengyang Metal Wire Mesh Products Co.,Ltd

### PVC Coating Technology

First get rid of the rust from the wire mesh, then get rid of the oil, heat it to 350+50°C according to the test result of heat capacity of the wire mesh. Then put the wire mesh into floating bed for 8-10 seconds, then get the surface floating flat under 200-240° C, then freeze to the air temperature.

#### Major Index

Test items: total 10 items including coating thickness, adhesive property, anti-corrosion property			
Test standard: GB1720, GB1732, GB1763, ASTM F1043-95			
Serial No.	Test Item	Technical Requirement	Test Result
1	Average coating thickness, mm	min.0.38	1.05
2	Minimum coating thickness, mm	min.0.38	1.00
3	Coating thickness uniform, mm	max.0.05	0.05
4	Coating adhesive property	The coating film should combine firmly with the base material, no immigration after test	standard
5	Low temperature proof property	Temperature -40°C, height 1m, no surface breaking after test with 1kg ball	standard
6	Fire resistance property of the coating film	The sample should not burn after 5 minutes of being on fire, it should extinguish immediately after the fair being removed	standard
7	Acid solution soaking resistance	Soaked in 30% H2SO4 solution for 720 hours, the coating surface should not be softened, wrinkled, broken or have other defects	standard
8	Alkali solution soaking resistance	Soaked in 10% NaOH solution for 720 hours, the coating surface should not be softened, wrinkled, broken or have other defects	standard
9	Salt solution soaking resistance	Soaked in 3% H2SO4 solution for 720 hours, the coating surface should not be softened, wrinkled, broken or have other defect	standard



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10	Weather resistance	The sample should have no apparent fading of color, breaking, bubbles, immigration or other defects. The standard shrinking of either sides should not exceed 1mm	
Note:	Above is only for reference		