

Sintered NdFeB Coating Options

Surface treatment | Coating types, appearance and reference thickness

Coating options for sintered neodymium-iron-boron magnets. Select the coating and thickness according to the agreed product specification.

Coating / process	Abbreviation	Color	Thickness (μm)
Nickel (barrel)	NiCuNi	Bright silver	5-20
Nickel (rack)	NiCuNi	Bright silver	5-20
Cr ³⁺ zinc (barrel)	Zn	Blue & white	4-15
Cr ³⁺ zinc (rack)	Zn	Blue & white	4-15
Cr ³⁺ color zinc (barrel)	Colored Zn	Bright color	4-15
Cr ³⁺ color zinc (rack)	Colored Zn	Bright color	4-15
Nickel + black nickel	Black Ni	Black	5-20
Epoxy	Epoxy	Black	15-65

Specification notes

1. Thickness ranges are reproduced from the supplied coating reference table. Final coating structure, thickness and appearance are subject to the agreed product specification.
2. Barrel and rack processes are listed separately as supplied. Cr³⁺ notation corresponds to the source labels “3+Cr Zinc” and “3+Cr Color Zinc”.
3. Salt-spray resistance, adhesion and other coating test conditions or acceptance criteria are not specified in this table and should be agreed separately.