



May 2024

APPLICATION

Swedev's most corrosion resistant product with a stainless base combined with the coating. This extreme level of wear resistance, corrosion resistance and high printing quality makes it a perfect choice in security printing.

Base steel quality	Martensitic stainless steel
Base steel nominal carbon content (wt.%)	0.68
Base steel nominal chromium content (wt.%)	13.0
Base steel microstructure	Tempered martensite with a high amount of small well-distributed carbides
Base steel nominal tensile strength (N/mm²)	1900
Base steel nominal hardness (HV)	580
Coating	Nickel / ceramic composite
Coating thickness (µm)	10 – 14
Coating nominal hardness (planar HV)	630
Edge profile	Lamella / Bevel / Radius edge
Standard packaging	100 m coils in reinforced carton box +4 m for jointed coils.