

## Original series Doctor Blades

Refined Stainless Steel



# 500

Our standard martensitic stainless steel, with a medium-high carbon content and an optimized trade-off between hardness, abrasive wear resistance and corrosion resistance.

For waterbased inks.

PrimeBlade 500 advantages

- Excellent performance for water-based inks
- Very good corrosion resistance
- Optimized for wear resistance
- Excellent hardenability

Available thicknesses: 0,076 mm – 0,30 mm (0,0030" – 0,012")  
Straightness: 1,4 mm / 3000 mm (0,055"/118")

C	Si	Cr	Mn
0,65%	0,30%	13,00%	0,55%

Tensile strength: 1910 N/mm<sup>2</sup> | Elongation: 3-4% | Hardness: up to 600 HV