FLXON INCORPORATED

PERFORMANCE CLASS
NON-COATED STAINLESS STEEL

SWED/CUT® MICRONOX I®

Product Code: MNI

ISO 9001:2008 certified
ISO 14001:2004 certified
ESKO FULL HD FLEXO

Refined Microstructure, Longer Blade Life & Unifrom Edge Wear

MICRONOX® I is our most corrosion resistant alloyed chemistry blade material ideal for high pH environments, situations with basic short to mid-lenth runs, scheduled blade changes, and printing and coating applications where consistent precise metering is a requirement. Its stainless steel compositon and compact microstructure ensures even and uniform wear.

SWED/CUT® BY SWEDEV

Ideal Applications

MICRONOX® I is ideal for precise metering of water and solvent based inks for solids, line work, screens, vignettes, envelope, carton, wide web flexible, multi-wall bags, kraft bags, and general process.

- ✓ Process: FLEXO, GRAVURE, COATING
- ✓ Industry Segments: Wide Web, Narrow Web
- ✓ Coatings & Lamination
- ✓ Varnish

Features

- ✓ Tight Tolerances
- ✓ Highest Level of Corrosion Resistance
- ✓ Smaller, Denser, Even Carbide Distribution

Benefits

- ✓ Longer Lasting
- ✓ Slow Even Wear
- ✓ No Break-in Time
- ✓ Even Metering Side-to-Side
- ✓ Less Wearing to Anilox or Cylinder Rolls
- ✓ Tolerates High pH Environments

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Performance Ratings

SWED/CUT® IMPROVEMENT CLASS	APPLICATION	INK TYPES	FRICTION LEVEL	CARBIDE RATING	WEAR RESISTANCE (LIFE)	CORROSION RESISTANCE	PRINTING QUALITY
MICRONOX® I PRD CODE: MNI	FLEXO GRAVURE COATING	SOLVENT WATER	3 X LOWER	■■■	■■■	■■	■■■

Characteristics Compared to Standard Strip Steel

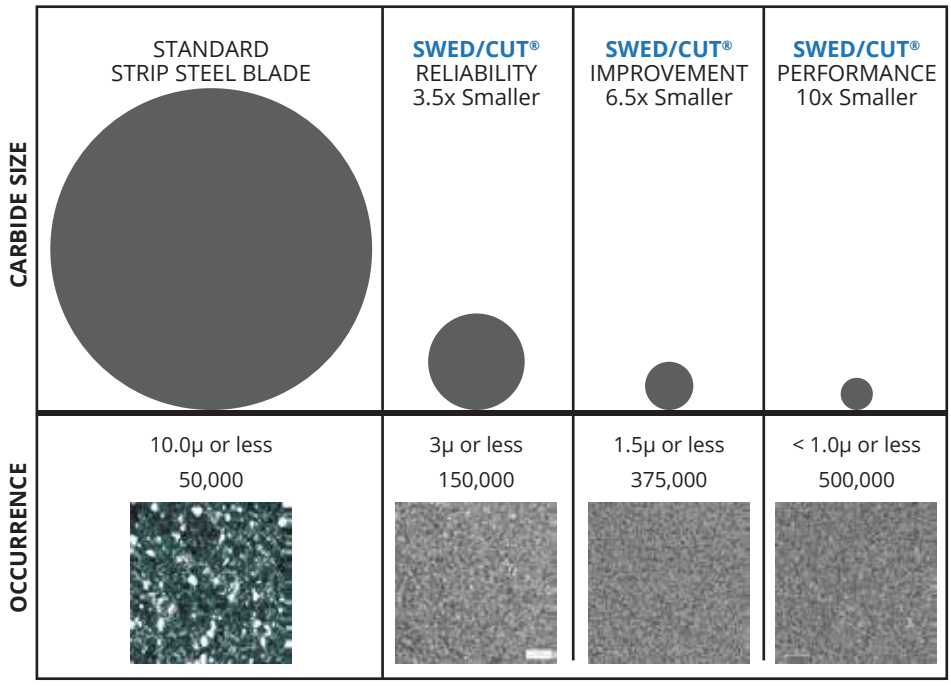
- Alloy Stainless Single-Sourced Steel
- Carbide Sizes: 6 times smaller
- Carbides/mm^2: 7.5 times more
- Friction Level: 3 times lower
- Corrosion Resistance: XXX
- Life: XX

MICRONOX® I is available in a full range of dimensions designed to meet the needs of your pressroom, and the following blade edge profiles. Contact a FLXON representative for additional information.

Microstructure Matters

Compared to standard strip steel, the MICRONOX® I doctor blade's microstructure is defined by it's small and evenly distributed carbide particulate which assures slow and even edge wear, low friction, and smooth ink film formation. For you that means a higher quality doctor blade that reduces the likelihood of common print defects, reduces wear to your anilox rolls, and allows you to run your blades longer.

The Quantity and Size of Carbides Are Key To A Great Doctor Blade



UNCOMPROMISED QUALITY NO SUBSTITUTIONS

SWED/CUT® doctor blades are always made from exact specified materials. We never substitute lower grades of steel in any situation including under our high performance coatings. Guaranteed.