

SWED/CUT[®] MICRONOX II[®]

Product Code: MNII

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

Improved Ink Metering With Fewer Print Defects & Customer Complaints

MICRONOX[®] II is our enhanced corrosion resistant alloyed chemistry blade material ideal for more wear resistance in situations with longer running printing and coating applications. It consistently and precisely meters white inks and other coarse structured inks and coatings.



SWED/CUT[®]
BY SWEDEV

Ideal Applications

MICRONOX[®] II is ideal for precise metering of abrasive water and solvent based inks in longer runs requiring precise metering for solids, line work, screens, vignettes, general process printing on envelope, carton, wide web flexible, kraft bags, hot and cold sealing, adhesives, and litho-offset varnish.

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

Features

- ✓ Tight Tolerances
- ✓ Corrosion Resistance for Longer Runs
- ✓ Smaller, Denser, Even Carbide Distribution

Benefits

- ✓ Longer Running On Abrasive Inks/Coatings
- ✓ Slower Even Wear
- ✓ No Break-in Time
- ✓ Even Metering Side-to-Side
- ✓ Less Wearing To Anilox or Cylinder Rolls
- ✓ Tolerates High pH Environments

Performance Ratings

SWED/CUT®
IMPROVEMENT OFFER



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APPLICATION

FLEXO
GRAVURE

INK TYPES

SOLVENT
WATER

FRICTION LEVEL

3 X LOWER

CARBIDE RATING



WEAR RESISTANCE
(LIFE)



CORROSION RESISTANCE



PRINTING QUALITY



Characteristics Compared to Standard Strip Steel

- Alloy Stainless Single-Sourced Steel
- Carbide Sizes: 6 times smaller
- Carbides/mm²: 7.5 times more
- Friction Level: 3 times lower
- Corrosion Resistance: XX
- Life: XXX

MICRONOX® II 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® II doctor blade's microstructure is defined by its 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

	STANDARD STRIP STEEL BLADE	SWED/CUT® RELIABILITY 3.5x Smaller	SWED/CUT® IMPROVEMENT 6.5x Smaller	SWED/CUT® PERFORMANCE 10x Smaller
CARBIDE SIZE				
OCCURRENCE	10.0µ or less 50,000 	3µ or less 150,000 	1.5µ or less 375,000 	< 1.0µ or less 500,000

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.