

## SWED/CUT<sup>®</sup> MICROKOTE G<sup>®</sup>

Product Code: MKG

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

### Excellent Performance For Sensitive, High-line Startups

MICROKOTE<sup>®</sup> G is our most popular coated blade material that combines a micro-refined repellent coating applied to the high-density M-FLEX<sup>®</sup> series of carbon steel lowering blade-to-cylinder friction. The result is a blade and tip that achieve precise ink metering while preventing particulate from sticking - blade tip remains cool for extended runs. Ultimately this helps to eliminate print defects like haze, streaks, and drag-outs.



**SWED/CUT<sup>®</sup>**  
BY SWEDEV

### Ideal Applications

The MICROKOTE<sup>®</sup> G is ideal for rotogravure and coating applications in precise metering for solids, line work, acrens, vignettes, and general process.

It also has superior results for flexible, tobacco, shrink sleeves, and pharmaceutical packaging at increasing speeds.

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






### Features

- ✓ Low Friction Coating
- ✓ Ink Repellent
- ✓ Tight Tolerances
- ✓ Micro-refined Stainless Base Steel
- ✓ Smaller, Denser, Even Carbide Distribution

### Benefits

- ✓ Prevents Particulate Sticking
- ✓ Slower Even Wear
- ✓ Defect Prevention
- ✓ Increased Speeds
- ✓ Reduced Cylinder Wear
- ✓ No Break-in Time
- ✓ Longer Wearing
- ✓ Precise Metering

# Performance Ratings

SWED/CUT® PERFORMANCE CLASS	APPLICATION	INK TYPES	FRICTION LEVEL	CARBIDE RATING	WEAR RESISTANCE (LIFE)	CORROSION RESISTANCE	PRINTING QUALITY
 <b>MICROKOTE® G</b> PRD CODE: MKG	<b>FLEXO GRAVURE COATING</b>	ALL	5 X LOWER				

## Characteristics Compared to Standard Strip Steel

- Coated Single-Sourced Steel
- Carbide Sizes: 6 times smaller
- Carbides/mm<sup>2</sup>: 7.5 times more
- Friction Level: 5 times lower
- Corrosion Resistance: XX
- Life: XXX

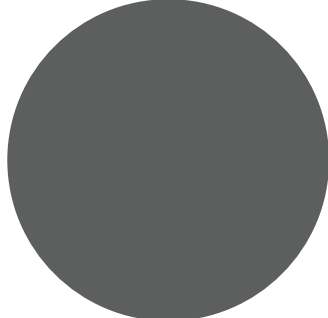



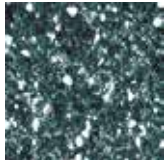
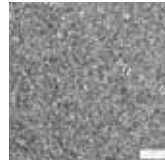

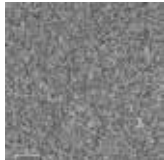
MICROKOTE® G is available in a full range of dimensions designed to meet the needs of your pressroom, and the following blade edge profiles. Contact a FLXON representative for additional information.



## Microstructure Matters

Compared to standard strip steel, the MICROKOTE® G 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
<b>CARBIDE SIZE</b>				
<b>OCCURRENCE</b>	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.