

## SWED/CUT® M-FLEX II®

Product Code: MFII

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

### Refined Microstructure, Longer Blade Life & Uniform Edge Wear

M-FLEX® II performs particularly well for longer multi-shift runs with scheduled blade change environments in print and coating applications where consistent precise metering is required.



**SWED/CUT®**  
BY SWEDEV

### Ideal Applications

M-FLEX® II is ideal for precise metering for solids, line work, screens, vignettes, and general process running water and solvent inks for market segments like: narrow web, label, envelope, carton, wide web flexible, multi-wall bags, kraft bags, post-print corrugated, and pre-print corrugated.

- ✓ Process: FLEXO, GRAVURE
- ✓ Industry Segments: Wide Web, Narrow Web






### Features

- ✓ Tight Tolerances
- ✓ 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

# Performance Ratings

| SWED/CUT®<br>IMPROVEMENT CLASS   | APPLICATION                 | INK TYPES        | FRICTION LEVEL | CARBIDE RATING  | WEAR RESISTANCE<br>(LIFE)  | CORROSION RESISTANCE  | PRINTING QUALITY  |
|--|-----------------------------|------------------|----------------|---|--|---|---|
|  <b>M-FLEX® II</b><br>PRD CODE: MFII | FLEXO<br>GRAVURE<br>COATING | SOLVENT<br>WATER | 3 X LOWER      |  |  |  |  |

## Characteristics Compared to Standard Strip Steel

- Carbon Single-Sourced Steel
- Carbide Sizes: 6 times smaller
- Carbides/mm<sup>2</sup>: 7.5 times more
- Friction Level: 3 times lower
- Corrosion Resistance: X
- Life: XX

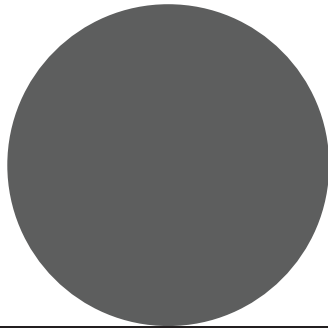



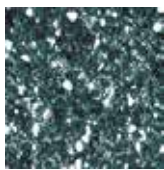
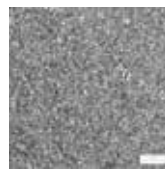


M-FLEX® II is available in a full range of dimensions designed to meet the needs of your pressroom, and the following blade edge profiles. Contact a FLXON representative for additional information.



## Microstructure Matters

Compared to standard strip steel, the M-FLEX® 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<br>STRIP STEEL BLADE  | SWED/CUT®<br>RELIABILITY<br>3.5x Smaller   | SWED/CUT®<br>IMPROVEMENT<br>6.5x Smaller  | SWED/CUT®<br>PERFORMANCE<br>10x Smaller  |
|---------------------|--|--|---|--|
| <b>CARBIDE SIZE</b> |                             |                           |                             |                               |
| <b>OCCURRENCE</b>   | 10.0µ or less<br>50,000<br> | 3µ or less<br>150,000<br> | 1.5µ or less<br>375,000<br> | < 1.0µ or less<br>500,000<br> |

### 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.