

SWED/CUT[®] M-FLEXI[®]

Product Code: MFI

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

Reliable Long Life Performance & Excellent Wear Resistance

M-FLEX[®] I is great for basic shorter runs with frequent blade change environments in print and coating applications where consistent precise metering is required. It is formulated of high-density, non-coated carbon steel that exhibits excellent wear resistance and uniform edge wear.



SWED/CUT[®]
BY SWEDEV

Ideal Applications

M-FLEX[®] I is ideal for metering solids, line work, screens, and basic process using solvent and water based inks. It is particularly suited for wide web flexibles, multi-wall bags, kraft bags, and more.

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


Features

- ✓ Tight Tolerances
- ✓ Small Even Carbide Distribution

Benefits

- ✓ Slow Even Wear
- ✓ No Break-in Time
- ✓ Even Metering Side-to-Side
- ✓ Less Wearing to Anilox, Cylinder & Coating Rolls

Performance Ratings

SWED/CUT® RELIABILITY CLASS	APPLICATION	INK TYPES	FRICTION LEVEL	CARBIDE RATING	WEAR RESISTANCE (LIFE)	CORROSION RESISTANCE	PRINTING QUALITY
 M-FLEX® I PRD CODE: MFI	FLEXO GRAVURE	SOLVENT WATER	2 X LOWER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Characteristics Compared to Standard Strip Steel

- Carbon Single-Sourced Steel
- Carbide Sizes: 3 times smaller
- Carbides/mm²: 3 times more
- Friction Level: 10 times lower
- Corrosion Resistance: XX
- Life: XX

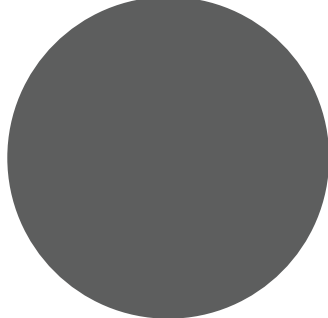



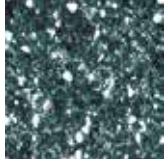
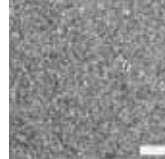


M-FLEX® I is available in a full range of dimensions designed to meet the needs of your pressroom, and the following blade edge profiles. Contact a FLXON representative for additional information.



Microstructure Matters

Compared to standard strip steel, the M-FLEX® I 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.