

SWED/CUT[®] M-FLEX PLUS[®]

Product Code: MFP

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

Ultimate Performance For Low Impact & Longer Blade Life

M-FLEX[®] Plus is our most wear resistant, non-coated, ultra-refined carbon steel that maintains precise metering of water and solvent inks or coarse coatings. It is reported to maintain precise metering for ink and coating applications many times longer than other non-coated blades and some coated blades.



SWED/CUT[®]
BY SWEDEV

Ideal Applications

M-FLEX[®] Plus is ideal for use in HIGH SPEED HD FLEXO environments including Expanded Color Gamut providing precise metering for all print types including high screen print.

It has been proven to help prevent back doctoring and significantly lowers anilox wear and scoring. It is safe for use on high line count anilox at very high speeds.

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






Features

- ✓ Tight Tolerances
- ✓ Long Tapered Bevel
- ✓ Enhanced Micro Carbides
- ✓ Smaller, Denser, Even Carbide Distribution

Benefits

- ✓ More Stable Fine Tip
- ✓ Slower Even Wear
- ✓ No Break-in Time
- ✓ Easily Handles High Speeds
- ✓ Prevents Dirty Print & Dot Gain On Longer Runs
- ✓ Significantly Less Wearing to Anilox, Cylinder, & Coating Rolls

Performance Ratings

SWED/CUT® PERFORMANCE OFFER	APPLICATION	INK TYPES	FRICTION LEVEL	CARBIDE RATING	WEAR RESISTANCE (LIFE)	CORROSION RESISTANCE	PRINTING QUALITY
 M-FLEX® PLUS PRD CODE: MFP	FLEXO GRAVURE COATING	ALL	10 X LOWER				

Characteristics Compared to Standard Strip Steel

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

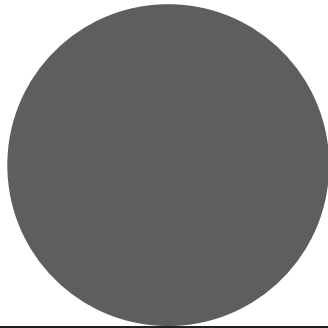



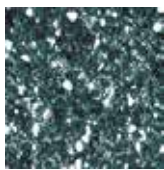
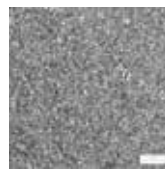


M-FLEX® Plus is available in a full range of dimensions designed to meet the needs of your pressroom, and the following blade edge profiles. Contact a FLXON representative for additional information.



Microstructure Matters

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