

SWED/CUT[®] H9[®]

Product Code: H9

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

Highly Specialized Coating For Longer Life

H9[®] introduces a totally new and innovative technologically enhanced coating for extreme wear resistance without extreme hardness. It is combined with our high-density carbon steel doctor blade material for superior performance in the most demanding print and coating applications.



SWED/CUT[®]
BY SWEDEV

Ideal Applications

H9[®] achieves great results for applications in flexographic print and coating, lab tech applications, and other challenging situations. It precisely meters for overall coatings and fine screens. You can expect superior results for specialty tints, vignettes, coatings, and laminations.

- ✓ Process: FLEXO
- ✓ Industry Segments: Wide Web
- ✓ Coatings & Lamination

Features

- ✓ Low Friction Coating
- ✓ Ink Repellance
- ✓ Tight Tolerances
- ✓ Super-refined Micro Carbide Steel
- ✓ Smaller, Denser, Even Carbide Distribution

Benefits

- ✓ Prevents Particulate Sticking
- ✓ Tolerates Very High Speeds
- ✓ Defect Prevention
- ✓ Precise Metering of Specialized Inks & Coatings
- ✓ Reduced Anilox Wear
- ✓ No Break-in Time
- ✓ Longer Wearing

Performance Ratings

SWED/CUT®
PERFORMANCE



H9®
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APPLICATION

FLEXO
COATING

INK TYPES

WHITES

FRICTION LEVEL

+12 X LOWER

CARBIDE RATING



WEAR RESISTANCE
(LIFE)



CORROSION RESISTANCE



PRINTING QUALITY



Characteristics Compared to Standard Strip Steel

- HD Coated Single-Sourced Steel
- Carbide Sizes: +12 times smaller
- Carbides/mm²: +12 times more
- Friction Level: +12 times lower
- Corrosion Resistance: XXXX
- Life: XXXX

H9® 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 H9® 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.