

# PERFORMANCE CLASS COATED HD CARBON STEEL

## 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.



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

### **Performance Ratings**

SWED/CUT®
PERFORMANCE

H9<sup>®</sup> PRD CODE: H9 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/mm<sup>2</sup>: +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.

**True Radius** 

2° Bevel Edge

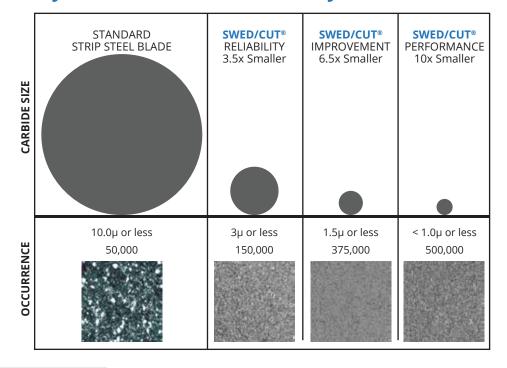
15° Bevel Edge

Lamella

#### Microstructure Matters

Compared to standard strip steel, the H9<sup>®</sup> doctor blade's microstructure is defined by it's 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



## 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.