

# CUSTOM FLEX

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## PrimeBlade™ 300 Carbon Steel Doctor Blades



PrimeBlade™ 300 series is PrimeBlade's basic, but widely used, carbon steel doctor blade. The base steel material is made from genuine high-quality Swedish steel with an increased amount of carbides/ $\mu\text{m}^2$  in the steel microstructure, compared to cheap and low quality carbon steel. As a result, PrimeBlade™ 300 series improves production quality, blade life and allows for faster press speeds.

### PrimeBlade™ Type 300 Advantages

- High quality genuine Swedish steel
- Very good wear resistance
- Low anilox and gravure cylinder wear
- A refined microstructure with a denser carbide formation, compared to other basic carbon steel types.
- High print quality is achieved
- Long lifetime



Profile 10



Profile 25



Profile 50

**Thickness:** 0.076 mm - 0.38 mm (0.0030" - 0.015")

**Straightness:** 1.4 mm/3000 mm (0.055"/118")

### PrimeBlade™ type 300

0.15 mm thickness steel:

Tensile strength: 2030 N/mm<sup>2</sup>

Elongation: 5%

Hardness: 590-600HV

C	Si	Mn
1.00%	0.30%	0.40%



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