

# CUSTOM FLEX

old world craftsmanship

new age technology

## PrimeBlade™ 900 Nano I Special Treated Refined Steel Doctor Blades



The microstructure of the PrimeBlade 900 steel consists of finely distributed small carbides, giving it exceptional wear resistance, reduced friction and higher printing performance. PrimeBlade 900 Nano I is produced by using the latest Nano technology and is designed to replace ceramic & nickel coatings with the negative side effects on the environment, brittleness and other issues.

PrimeBlade 900 Nano I features a patented metallurgic-treated steel blade that extends blade life to unsurpassed levels in non-ceramic coated blades in flexo applications. The blade will outlast any non-ceramic blade on the market, without any of the brittleness associated with long life blades, with no extra anilox roll/gravure cylinder wear, and at a competitive price.

Flexo printers are looking for solutions that will increase productivity, printing quality and reduce down time to improve their financial bottom line. PrimeBlade Nano I will be a part of that solution.

### PrimeBlade™ Type 900 Advantages

- High quality genuine Swedish steel
- Long life wear resistance
- Perfect towards abrasive inks, such as white inks etc.
- Because of the very small carbides, it breaks down in much smaller particles
- Less friction towards the cylinder, reduced with 40-60%
- High print quality, gives a cleaner wipe
- No ceramic particles involved
- Less particles sticking to the blade



Profile 10



Profile 25



Profile 50

**Thickness:** 0,15 mm – 0,38 mm

**Straightness:** 1,0 mm/3000 mm

0,15 mm thickness steel:

**Hardness:** 850 HV (Top surface only)



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Doctor Blades  
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