
PrimeBlade[®]

700

(Ceramic coated)



ABOUT PRIMEBLADE

PrimeBlade Sweden AB is a global manufacturer and supplier of Doctor Blades for flexo, gravure, offset printers, and coating applications. Together with our Swedish raw material supplier and end users, our doctor blades are produced to improve production quality, blade life, and to increase machine speeds. The printing, coating and packaging industries demands are constantly increasing, and so is the need to optimize blade life and achieve higher and more consistent quality. To meet these demands, the 700 series was developed.

PrimeBlade 700

(Ceramic coated)

The **PrimeBlade® 700** series is our ceramic coated doctor blade, developed by combining our unique surface grinding and special surface treatment technology. This improves the coating adhesive bond and wear resistance compared to existing coated products. It can even be an alternative to the PrimeBlade® 900 Nano I blade users, especially for rotogravure printers.

The high grade steel together with the special ceramic particle surface coating technology gives a very low doctor blade tip contact friction, enhanced lifetime, and gives an extraordinarily clean wipe. It reduces the brittleness and cracking risk in the ceramic coating area, and lessens the risk of blade damage due to mechanical impact. Also, due to the refined steel and extra fine ceramic particles used, it reduces the ink contamination that causes higher wear on chrome cylinders.

PrimeBlade Type 700 advantages:

- Longer life wear resistance
- Perfect for abrasive inks
- Reduced friction between the blade and the cylinder
- Optimized print quality
- Less adjustments of the doctor blade
- Reduced printing problems in gravure, such as lines, streaks and hazing
- Wears down in smaller particles

Specifications:

- 0,15 mm – 0,20 mm
- Straightness: 1,0 mm/3000 mm
- Hardness: 850 – 900 HV (coated surface only)
- Different blade edge profiles

