

CUSTOM FLEX

old world craftsmanship

new age technology

PrimeBlade™ 600 Refined Carbon Steel Doctor Blades



The PrimeBlade™ 600 series is the highest-quality carbon steel doctor blade compared to other carbon steel blades. The 600 series has a highly refined microstructure compared to other carbon doctor blades, and a modified steel grade and heat treatment. The PrimeBlade™ 600 doctor blade has twice as many carbides/ μm^2 compared to the already impressive PrimeBlade™ 600 series, so it wears down into much finer particles and cause less print issues.

PrimeBlade™ Type 600 Advantages

- Increased print quality and lifetime
- Highly improved microstructure releases smaller particles into inking system
- Causes less risk of metal hair formation and burr
- A refined microstructure with a denser carbide formation, compared to other basic carbon steel types
- Hardness is in same range as PrimeBlade™ Type 300 to reduce anilox and gravure cylinder wear
- Better wear resistance

Thickness: 0.076 mm - 0.38 mm (0.0030" - 0.012")

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

PrimeBlade™ type 600

0.15 mm thickness steel:

Tensile strength: 2030 N/mm²

Elongation: 5%

Hardness: 595HV

C	Si	Cr	Mn
1.00%	0.25%	1.40%	0.30%



Profile 10



Profile 25



Profile 50

