PrintBlade
PRINTING INDUSTRY AND DOCTOR BLADES

UK Manufactured

PB10

Information

PB10 is a standard, universal doctor blade for use in flexographic and rotogravure printing processes.

Manufactured from high quality European carbon steel with a refined constant microstructure, PB10 offers higher performance when compared with other standard carbon steel doctor blades.

PB10 is available in a range of widths and thicknesses, with the choice of three industry standard edge profiles.
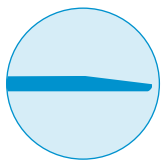
Manufactured in the United Kingdom at an ISO9001 certified factory, PrintBlade products are precision-ground using the latest advanced technology.

Chemical Analysis

Carbon	1.0%
Silicon	0.25%
Manganese	0.40%

Details

Tensile Strength	1900-2100 N/mm²
Straightness	0.6mm / 3m
Thicknesses	0.1, 0.15, 0.2, 0.25, and 0.3mm
Width Range	10mm - 60mm

Benefits

- Refined microstructure carbon steel for long life
- Durable and wear resistant
- Precision ground edges with exceptional straightness for clean doctoring
- Supplied cut to required length
- Suitable for Rotogravure and Flexographic printing processes
- High performance from a low cost blade
- Reliable supply from an ISO9001 certified UK manufacturer.

Quality Assurance

Every PrintBlade product is manufactured in Sheffield UK, at an ISO9001:2015 certified factory.

All steel used in doctor blade manufacturing is fully traceable and sourced from Europe.

SGS UKAS MANAGEMENT SYSTEMS 0005
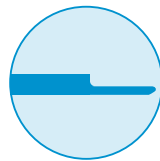
MADE IN SHEFFIELD

Edge Profiles

Bevel Edge

Provides a constant edge for clean doctoring and reduced wear.

Bevel angles precision ground to your exact requirements.

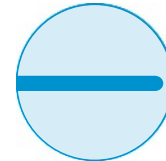Typically, bevel angles are ground to a range between 2° - 30°.

Lamella Edge

Most commonly used edge profile in the Flexographic, Gravure and Offset industries.

Provides a constant contact area with low friction and reduced wear.

Precision ground profile manufactured to your requirements to enable an excellent printing finish.

Round Edge

Double sided radius edge for smooth contact at high speeds.

Provides a high quality blade seal against the roller.

Used in the Flexographic and Rotogravure industries.