

PB30

Information

PB30 is a high quality doctor blade manufactured using a superior steel grade with additional chromium for improved wear resistance.

Manufactured from high quality European tool steel with a specially adapted microstructure, PB30's higher wear resistance makes it an ideal blade for use on high volume lines.

PB30 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.



Benefits

- Specially adapted microstructure tool steel blade
- Added Chromium for increased hardness, excellent durability and higher wear resistance
- 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.

Chemical Analysis

Carbon	1.05%
Silicon	0.25%
Manganese	0.30%
Chromium	1.50%

Details

Tensile Strength	1900-2100 N/mm ²
Straightness	0.6mm / 3m
Thicknesses	0.1, 0.15, 0.2, 0.25, and 0.3mm
Width Range	15mm - 60mm

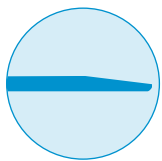
Quality Assurance

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.

Edge Profiles

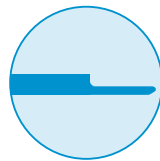


Bevel Edge

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°.

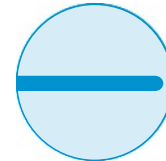


Lamella Edge

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.