DOCTOR BLADES

StraightPoint™ Doctor Blades outlast steel by up to four times; longer blade life means fewer blade changes, less downtime and increased productivity.

StraightPoint™ Doctor Blades are an economical and practical substitute for steel for applications such as wide-web, mid-web, narrow-web, corrugated, envelope, offset, specialty coating, and newspaper. StraightPoint™ blades are manufactured from various plastic and composite materials and engineered to an infinite number of size and profile combinations according to performance requirements. StraightPoint™ blades have outperformed their steel counterparts in high speed, high temperature and high abrasion applications, and for the highest quality graphic reproduction.

- Deliver a consistent ink or coating film thickness
- Increase blade life and decrease blade changes
- Reduce Anilox Scoring and Extend Roll life
- Minimize injuries when replacing blades on press
- Meter all types of inks and coatings from Anilox rolls

PROFILE OPTIONS:

BEVELED
Provides the finest contact area for jobs with moderate to difficult graphic requirements.

STRAIGHT
Provides extended blade life for jobs with simple graphic requirements.

DACC (Lamella)
Provides a consistent contact area as the tip wears for custom applications.

ACETAL

The original acetal doctor blade developed to reduce anilox scoring and increase blade life. Plasteel is ideal for moderate graphics, solids, moderate type and reverses.

Thickness
0.020” / 0.5mm
0.030” / 0.8mm
0.040” / 1.0mm
0.050” / 1.25mm

Max. Length
250” / 635mm

PLASTEEL

ACETAL

UHMW

PROFLEX

An enhanced formulation acetal doctor blade with Teflon for increased stiffness and superior blade life. Proflex is ideal for long runs, abrasive inks, moderate to high line screens, and difficult fine type and reverses.

Thickness
0.025” / 0.64mm
0.035” / 0.9mm
0.040” / 1.0mm

Max. Length
250” / 635mm

Max. Width
3.5” / 89mm

Profile
22° / 15°

Applications
Coating & Laminating
Wide Web
Envelope
Corrugated

UHMW

The original ultra high molecular weight polyethylene doctor blade developed for reduced scoring and extended life. UHMW is most often used in corrugated and envelope pressrooms as both a metering and containment blade.

Thickness
0.020” / 0.5mm
0.030” / 0.8mm
0.040” / 1.0mm
0.050” / 1.25mm
0.063” / 1.6mm

Max. Length
100” / 254mm

Max. Width
5” / 127mm

Profile
45° / 30°, Straight, DACC (Lamella)

Applications
Corrugated
Envelope
Newspaper
Coating & Laminating
**ACETAL**

**PLASTEEL - PROFLEX**
This durable, stiff plastic has great chemical resistance, good dimensional stability and a low coefficient of friction. These properties in combination produce a doctor blade that is a good choice for quality, consistency and excellent blade life.

**UHMW**

**UHMW - DURAPoint**
This is an ideal material for printing environments that combine long runs, coarse rolls and abrasive coatings. This soft, thick material is safe to handle and highly resistant to stress cracks and chips. The dense molecular structure of UHMW makes it very abrasion-resistant resulting in extremely long blade life.

**COMPOSITE**

**ULTRAflex - GRAPHIX**
Our composite doctor blades are manufactured from a tight weave fiberglass material that is extremely stiff, thin and durable. These blades are an excellent choice when the ink or coating is abrasive, moisture is present and/or extreme heat or high press speeds exist.

**POLYESTER**

**POLYESTER**
Our polyester blades are made from Mylar®, a durable material that is highly resistant to chemicals and provides superior blade life.

**UHMW**

**DURAPoint**
An exclusive high density formulation UHMW for superior blade life and enhanced graphics. DuraPoint is most often used in corrugated and envelope pressrooms as both a metering and containment blade.

**Thickness**
- .030” / .8mm
- .040” / 1.0mm
- .050” / 1.25mm
- .063” / 1.6mm
- .100” / 2.54mm
- .125” / 3.2mm

**Max. Length**
100” / 300mm

**Max. Width**
5” / 127mm

**Profile**
45° / 30°, Straight, DACC (Lamella)

**Applications**
Corrugated
Envelope
Newspaper
Coating & Laminating

**COMPOSITE**

**ULTRAflex**
A high density fiberglass composite doctor blade with a thin weave for added stiffness, increased rigidity and extended blade life. UltraFlex is ideal for long runs, high speeds, flexo process work and complex offset spot-coating applications where a fine bevel allows for more precise metering.

**Thickness**
- .015” / .37mm
- .020” / .5mm

**Max. Length**
92” / 2337mm

**Max. Width**
2.5” / 63.5mm

**Profile**
22° / 15°

**Applications**
Corrugated
Newspaper
Wide Web

**COMPOSITE**

**GRAPHIX**
Fiberglass composite doctor blade with graphite for extended blade life and durability. Graphix is ideal for screen and process work, abrasive inks and long runs.

**Thickness**
- .020” / .5mm
- .028” / .71mm

**Max. Length**
118” / 2998mm

**Max. Width**
2.5” / 63.5mm

**Profile**
22° / 15°

**Applications**
Corrugated
Newspaper
Wide Web

**POLYESTER**

**POLYESTER**
A durable, long-life blade designed to replace steel and reduce anilox scoring in chambered doctor blade systems. Polyester’s durability makes it a good value option for containment.

**Thickness**
- .007” / .19mm
- .010” / .25mm
- .015” / .37mm
- .020” / .5mm

**Max. Length**
330” / 100m

**Max. Width**
4” / 101.6mm

**Profile**
15° / Straight

**Applications**
Wide Web
Envelope
Sheetfed Offset Coating

---

The above recommendations are general guidelines. Many of our products will work in a variety of applications.

1-800-223-5202  www.STRAIGHTPOINTDoctorBlades.com