

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:



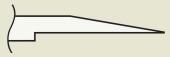
BEVELED

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



STRAIGHT

Provides extended blade life for jobs with simple graphic requirments.



DACC (Lamella)

Provides a consistent contact area as the tip wears for custom applications.



ACETAL

PLASTEEL

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

.020" / .5mm .030" / .8mm .040" / 1mm .050" / 1.25mm

Max. Length

250' / 75m

Max. Width

3.5" / 89mm

Profile

22° / 15°

Applications

Coating & Laminating Wide Web Envelope Corrugated

PROFLEX

ACETAL

An enhanced fomulation 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

.025" / .64mm .035" / .9mm .040" / 1mm

Max. Length

250' / 75m

Max. Width

2.375" / 60.3mm

Profile

22° / 15°

Applications

Wide Web Narrow Web Corrugated Envelope

UHMW

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

Max. Length

100' / 30m

Max. Width

5" / 127mm

Profile

45° / 30°, Straight, DACC (Lamella)

Applications

Corrugated
Envelope
Newspaper
Coating & Laminating



ACETAL UHMW COMPOSITE POLYESTER PLASTEEL - PROFLEX UHMW - DURAPOINT ULTRAFLEX - GRAPHIX POLYESTER This durable, stiff plastic has great This is an ideal material for printing Our composite doctor blades are Our polyester blades are made chemical resistance, good dimensional environments that combine long runs, manufactured from a tight weave from Mylar™, a durable material stability and a low coefficient of friction. coarse rolls and abrasive coatings. This fiberglass material that is extremely that is highly resistant to chemicals These properties in combination produce soft, thick material is safe to handle and stiff, thin and durable. These blades are and provides superior a doctor blade that is a good choice for highly resistant to stress cracks and an excellent choice when the ink or blade life.



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



Zenith Cutter Co.

5200 Zenith Parkway Loves Park, Illinois, USA 61111 Tel: 815-282-5200 Fax:815-282-5232 US: 800-223-5202 www.zenithcutter.com

ZC International, LTD

Road 19, Tan Thuan Export Zone District 7, Ho Chi Minh, Vietnam Tel: 84-8-770 1688 Fax: 84-8-770 1690