

TruPoint™ doctor blades are an economical and practical substitute for steel doctor blades in flexographic printing and offset coating applications. Manufactured from a variety of plastic and composite materials, TruPoint doctor blades can last up to five times longer than steel and will effectively meter all types of inks and coatings. TruPoint blades also reduce anilox roll scoring and are safer to handle than steel. This means fewer anilox roll repairs and fewer chances for operator injury. With new press technology and increasing customer expectations, it is critical that a printer select the right doctor blade material to maximize print quality and minimize costs. Choose a smarter solution for your doctor blades today - TruPoint by Flexo Concepts.

- 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

|                                                                                            |                 |
|--------------------------------------------------------------------------------------------|-----------------|
| Provides the finest contact area for jobs with moderate and difficult graphic requirements | <b>Beveled</b>  |
| Provides extended blade life for jobs with simple graphic requirements                     | <b>Straight</b> |
| Provides a consistent contact area as the tip wears for custom applications                | <b>DACC</b>     |



Request a free TruPoint sample today at [www.flexoconcepts.com](http://www.flexoconcepts.com)

# TRUPOINT DOCTOR BLADES

## Acetal

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.

### 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                                                     | Profile   | Max. Width  | Max. Length |
|---------------------------------------------------------------|-----------|-------------|-------------|
| .020" / .5mm<br>.030" / .8mm<br>.040" / 1mm<br>.050" / 1.25mm | 22° / 15° | 3.5" / 89mm | 250' / 75m  |
| Coating & Laminating / Wide Web Envelope / Corrugated         |           |             |             |

### 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                                    | Profile   | Max. Width      | Max. Length |
|----------------------------------------------|-----------|-----------------|-------------|
| .025" / .64mm<br>.035" / .9mm<br>.040" / 1mm | 22° / 15° | 2.375" / 60.3mm | 250' / 75m  |
| Wide Web / Narrow Web / Corrugated Envelope  |           |                 |             |

## UHMW

UHMW 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.

### 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                                                                                                                                                          | Profile                       | Max. Width | Max. Length |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|------------|-------------|
| .020" / .5mm<br>.030" / .8mm<br>.040" / 1mm<br>.050" / 1.25mm<br>.063" / 1.6mm<br>.070" / 1.8mm<br>.080" / 2mm<br>.090" / 2.3mm<br>.100" / 2.54mm<br>.125" / 3.2mm | 45° / 30°<br>Straight<br>DACC | 5" / 127mm | 100' / 30m  |
| Corrugated / Envelope / Newspaper Coating & Laminating                                                                                                             |                               |            |             |

### 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                                                                                                                                          | Profile                       | Max. Width | Max. Length |
|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|------------|-------------|
| .030" / .8mm<br>.040" / 1mm<br>.050" / 1.25mm<br>.063" / 1.6mm<br>.070" / 1.8mm<br>.080" / 2mm<br>.090" / 2.3mm<br>.100" / 2.54mm<br>.125" / 3.2mm | 45° / 30°<br>Straight<br>DACC | 5" / 127mm | 100' / 30m  |
| Corrugated / Envelope / Newspaper Coating & Laminating                                                                                             |                               |            |             |

## Composite

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.

### 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                                                | Profile         | Max. Width    | Max. Length  |
|----------------------------------------------------------|-----------------|---------------|--------------|
| .015" / .37mm<br>.020" / .5mm                            | 22° / 15° / 10° | 2.5" / 63.5mm | 92" / 2337mm |
| Wide Web / Narrow Web Envelope / Sheetfed Offset Coating |                 |               |              |

### Graphix

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

| Thickness                       | Profile   | Max. Width    | Max. Length   |
|---------------------------------|-----------|---------------|---------------|
| .020" / .5mm<br>.028" / .71mm   | 22° / 15° | 2.5" / 63.5mm | 118" / 2998mm |
| Corrugated / Newspaper Wide Web |           |               |               |

## Polyester

Our polyester blade is made from Mylar™, a durable material that is highly resistant to chemicals and provides superior blade life.

### 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                                                       | Profile        | Max. Width   | Max. Length |
|-----------------------------------------------------------------|----------------|--------------|-------------|
| .007" / .19mm<br>.010" / .25mm<br>.015" / .37mm<br>.020" / .5mm | 15° / Straight | 4" / 101.6mm | 330' / 100m |
| Wide Web / Envelope / Sheetfed Offset Coating                   |                |              |             |