

TruPoint Doctor Blade

Flexo Concepts is a global manufacturer of doctor blades for precision metering, wiping and cleaning. We offer high-quality solutions for companies that print, applying coatings, or are engaged in other continuous production processes.

Corrugated

TRUPOINT
UHMW[™]



TruPoint UHMW[™] is the original ultra high molecular weight polyethylene doctor blade ideal for applications combining long runs, coarse anilox engravings and abrasive coatings or inks.

Product Benefits & Features:

- No Anilox Scoring
- Also Used for Containment

Ratings

- Stiffness: 2.5
- Creep: 2.5
- Metering: 2.75
- Wear: 4.75

TRUPOINT
DURAPPOINT[™]



TruPoint DuraPoint[™] is made from an exclusive high-density formulation UHMW designed to offer superior blade life and enhanced graphics. DuraPoint is a direct replacement for standard UHMW as both a metering and containment blade.

Structure	Hardness	Max. Temp	Length	Thickness	Edge Profile	Max. Width
Ultra High Molecular Weight Polyethylene	Shore D 68	203°F / 95°C	Standard Roll Length: 100' / 30m Cut to Length available	.030" / 0.80mm	Straight	5" / 127mm
				.040" / 1.00mm		
				.050" / 1.25mm		
				.063" / 1.60mm		
				.080" / 2.00mm		
				.090" / 2.30mm		
.125" / 3.20mm	Bevel 30° 45°					

TRUPOINT
GREEN[®]



TruPoint Green[®] is stiff, durable, and resists mechanical creep, allowing for better print quality throughout the entire life of the blade. TruPoint Green[®] also contains recaptured carbon, making it truly green and reducing the world's carbon footprint!

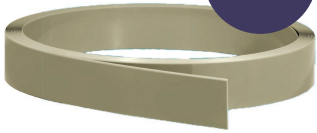
Product Benefits & Features:

- Consistent Metering
- Resistance to Blade Bending
- No Anilox Scoring
- Increased Blade life
- Eco-Friendly

Ratings

- Stiffness: 3.5
- Creep: 3.75
- Metering: 3.75
- Wear: 3.5

Structure	Hardness	Max. Temp	Length	Thickness	Edge Profile	Max. Width
Polyketone	Rockwell R 95	203°F / 95°C	Standard Roll Length: 100' / 30m Cut to Length available	.030" / 0.80mm	Bevel 30° 45°	2" / 50.8mm
				.050" / 1.27mm		
				.063" / 1.60mm		
				.080" / 2.00mm		



Discover the power of our latest innovation – a premium doctor blade. It's the ultimate alternative to steel and offers exceptional performance in high-speed, high-temperature, and aggressive chemical environments.

Product Benefits & Features:

- Temperature Resistant
- Chemical Compatibility
- Consistent Metering
- No UV Ink Spitting
- No Anilox Scoring
- Increased Blade Life
- Safe to Handle

Structure	Hardness	Max. Temp	Length	Thickness	Edge Profile	Max. Width
PET Blend	Rockwell R 115	482°F / 250°C	Standard Roll Length: 100' / 30m Cut to Length available	.030" / 0.80mm .040" / 1.00mm	Bevel 30° MicroTip M10, M15, M25	2" / 50.8mm

Performance Characteristics

To help find the right product in our portfolio we've created a rating system (1-5) for different performance characteristics including stiffness, creep, metering, and wear. These ratings are guidelines and performance will vary based on operating conditions, but they do serve as a guide to give you a relative comparison across products.

Wear

Application conditions dramatically impact wear or the "durability" of any doctor blade material.

Stiffness

A rating of 5 in this category means very stiff, which typically translates into excellent sheering action from the blade. The rankings below were calculated based on stiffness after running on a press for 1 hour.

Creep

Creep is the tendency of a material to bend or deform permanently under mechanical load. A high creep rating means the degree of "spring" or contact pressure from the blade doesn't diminish significantly over time.

Metering

The higher the rating, the more effective the blade is at ensuring a clean, consistent, and precise transfer takes place.

	Wear	Stiffness	Creep	Metering
UHMW	4.75	2.5	2.5	2.75
Green	3.5	3.5	3.75	3.75
Edge	5	5	5	5

Shore Hardness

