WS

of TruPoint Doctor Blade Tips



STRAIGHT

BEVEL

MICROTIP

who

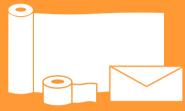
In circumstances to be further explained, the straight doctor blade can be used in **any** industry.



A beveled doctor blade is primarily used in the Corrugated **Printing** industry, as well as some **Envelope** and other print applications.



The MicroTip is used in the Tag & Label, Envelope and Flexible Packaging industries.

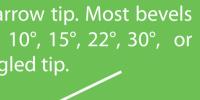


what

A straight doctor blade has a blunt, **squared** edge.



A beveled doctor blade is angled with a large base and narrow tip. Most bevels have a 10°, 15°, 22°, 30°, or 45° angled tip.



The MicroTip is carefully machined into a consistent, smooth and precise tip. MicroTip is available in M8, M10, M15 and M25.



where

A straight doctor blade is best used as the containment blade in a chambered ink system. Corrugated printers may also use a straight blade to meter.



A beveled doctor blade is best used as a **metering** blade.



A doctor blade with MicroTip is best used as a metering blade.



when

Corrugated Printers with **less** than 160 LPI anilox roll can meter effectively with a straight doctor blade.



A beveled doctor blade will effectively meter an anilox roll with low to mid level line screens, up to 500 LPI.



A doctor blade with MicroTip can meter anilox rolls with very **high line screens**. It is idealy used on a roll with 500 to 2,000 LPI.



A straight doctor blade allows ink back into the ink chamber easily, making it a great option for containment. Corrugated Printers may use a straight blade to meter block letters or simple graphics, however, this blade can not meter high line screens due to its large contact area.

Large Contact Area

ANILOX

A beveled doctor blade has a small contact area that grows larger as the blade wears. For larger graphics, like those found in the Corrugated industry, print quality can be maintained throughout the life of a doctor blade bevel.

> **Growing Contact Area ANILOX**

A doctor blade with a MicroTip will maintain a consistent contact area over the entire life of the blade. In industries where graphic quality is priority, the MicroTip

brings safety into the press room without sacrificing graphic excellence.

Consistent Contact Area



To discuss which doctor blade tip option is best for your printing application

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