

THE 5 Ws

of TruPoint Doctor Blade Tips

	STRAIGHT	BEVEL	MICROTIP
			
who	<p>In circumstances to be further explained, the straight doctor blade can be used in any industry.</p> 	<p>A beveled doctor blade is primarily used in the Corrugated Printing industry, as well as some Envelope and other print applications.</p> 	<p>The MicroTip is used in the Tag & Label, Envelope and Flexible Packaging industries.</p> 
what	<p>A straight doctor blade has a blunt, squared edge.</p> 	<p>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.</p> 	<p>The MicroTip is carefully machined into a consistent, smooth and precise tip. MicroTip is available in M8, M10, M15 and M25.</p> 
where	<p>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.</p> 	<p>A beveled doctor blade is best used as a metering blade.</p> 	<p>A doctor blade with MicroTip is best used as a metering blade.</p> 
when	<p>Corrugated Printers with less than 160 LPI anilox roll can meter effectively with a straight doctor blade.</p> 	<p>A beveled doctor blade will effectively meter an anilox roll with low to mid level line screens, up to 500 LPI.</p> 	<p>A doctor blade with MicroTip can meter anilox rolls with very high line screens. It is ideally used on a roll with 500 to 2,000 LPI.</p> 
why	<p>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.</p> 	<p>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.</p> 	<p>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.</p> 

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

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