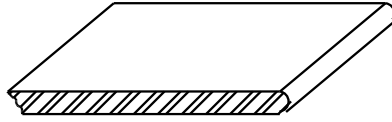


## **Allison Systems rounded tip blades for Flexo**

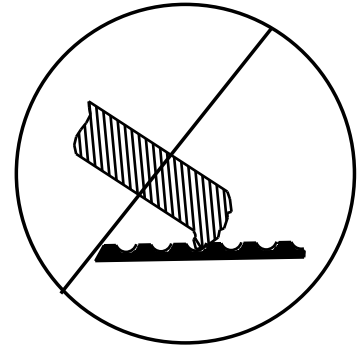


### **Rounded tip -**

A low cost but high quality Flexo doctor blade is now available from Allison Systems featuring a smooth, rounded tip cross-section.

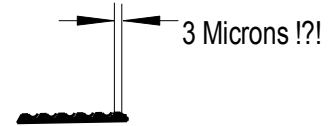
Like our other metal blades, it's made of doctor blade strip with the ISO-9002 documented cleanliness, straightness, flatness, hardness and metallurgical quality you need to avoid "cheap metal" doctoring problems and anilox damage.

Our rounded edge avoids residual mill slitting burrs, roughness and edge breakouts found on typical unfinished strip steel edges. These lumps and bumps can cause metal build-up in the anilox, which in turn may lead to adhesion of the blade to the anilox, fracture of cell walls, and anilox scoring.

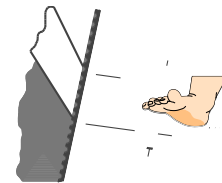


### **Why ?**

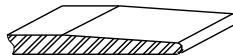
Today's ceramic aniloxes strive to provide finer anilox screens, maintain consistent anilox cell volumes, and at the same time control costs. Many have cell walls that look much rougher to the doctor blade and wear it faster than did earlier, smoother, and/or diamond polished aniloxes. At the same time, the density of the ceramic the doctor blade sees can be significantly lower than before, so the increasingly tiny anilox cell walls can be more fragile.



Rather than a tip designed for maximum cleanup, a fat, rounded tip is often just what's needed to "skate" over rough and fragile ceramic as the press starts up initially, leaving just a little surface ink to reduce the grinding action, saving some blade life (and perhaps fragile anilox cell walls) until a doctoring "footprint" forms.



The simple rounded tip is cheaper than precision machined blade tips and should be used where possible. But should your inker, anilox, and high end process print job need a tip that maintains a very constant "footprint" as it wears, our Superhoned<sup>(R)</sup> shape does just that, and its tip is rounded, too.



Please contact Allison Systems for price and availability of rounded tip blades for your press.



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