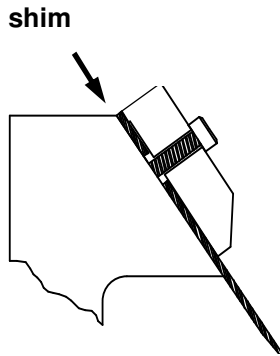
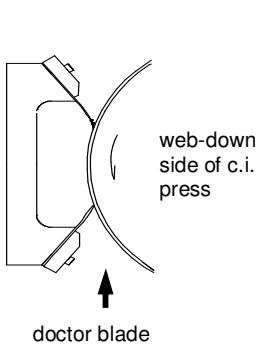


Doctor blade terminology for flexo inkers

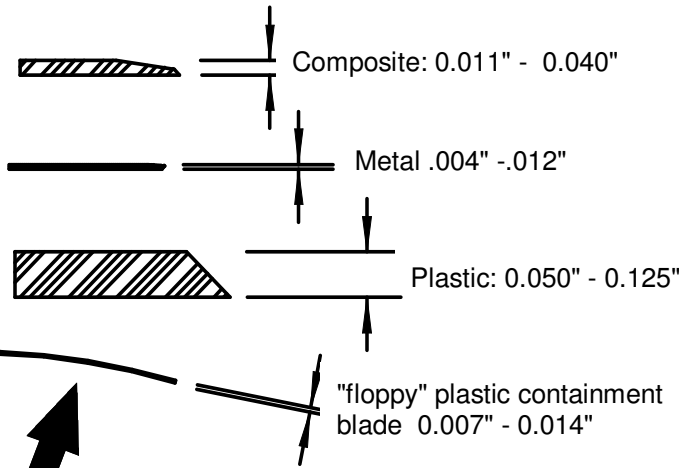
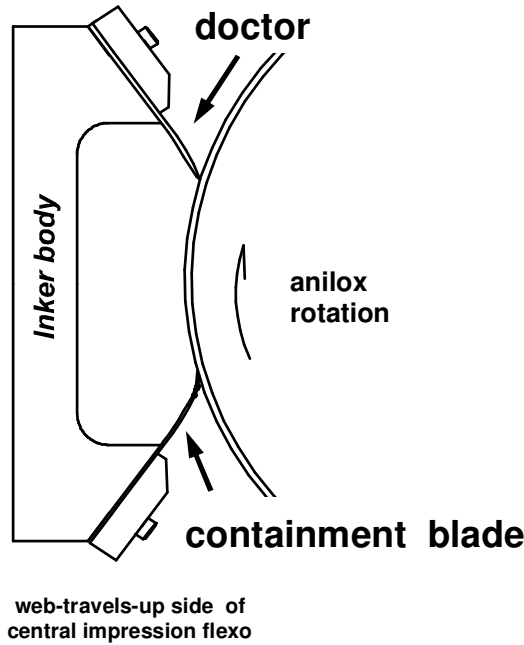
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Shims are needed where the inker clamp bar was designed for steel blades, but thicker plastic or composite blades are being used.

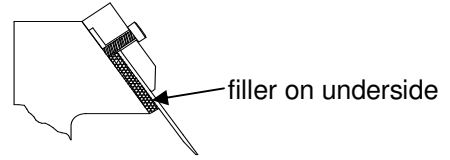
Shims let you clamp the thicker blade without distortion or squeezing it out of the holder.

Shim thickness should at least equal blade thickness.



* Use wherever possible to reduce particle trapping, anilox scoring, and to save money. Make 1/8" wider than doctor if inker permits.

Preferred filler method with most chambers

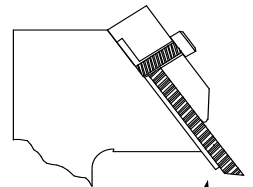


Fillers are needed when the clamp bar, (or the inker itself), was made with an undercut or slot to accept thick plastic blades. When using a thin composite or steel blade, say .010" thick, in an .090" slot, a filler is needed. Install the filler under the blade so that the tip of the blade is in the same position as with the thicker blade.

If for some reason the filler can not be installed under the blade, it can be installed on top of the blade. The inker must be initially set slightly closer to the anilox than it would with a thicker doctor and containment blade to compensate for the new blade tip location.

Note: Specialized end seals and/or 'filler-length' may be needed to stop excessive seal leakage.

Back-up blades in flexo



Steel back-up blade here gives spring support to plastic doctor blade

CAUTION:

INSTALLATION OR REMOVAL OF DOCTOR, CONTAINMENT, FILLERS, SHIMS OR BACKUP BLADES REPRESENTS A CUT HAZARD SINCE HANDS MAY COME IN CONTACT WITH SHARP EDGES. USE OF CUT-RESISTANT GLOVES IS RECOMMENDED. FOLLOW ALL PLANT SAFETY RULES FOR HANDLING AND DISPOSAL OF BLADES.