

Tech Tips

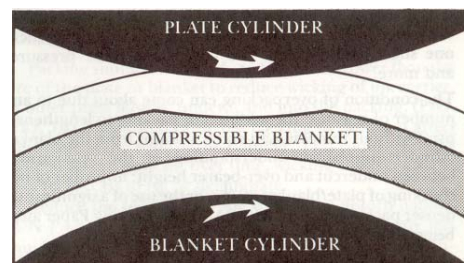
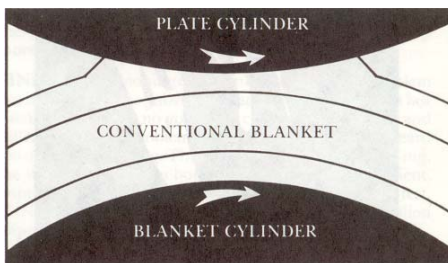


SOLVING COMMON PRESS PROBLEMS

Creeping: This is the most common complaint about packing. Creeping will occur when the forces trying to move the packing sheet are greater than the forces trying to keep it in place. Period. No other reason.

Causes:

1. Among the forces trying to move packing out of the way is scrubbing; the back and forth action of a rubber blanket being squeezed in a nip (Figs TT1). The same squiggling action that causes slurring or ghosting on the surface of the blanket works on the packing side also, trying to push it toward the leading gripper.
2. Improper addition or reduction of the plate or blanket packing (to change print-length), without the appropriate counter adjustment.
3. Mounting the packing with the paper fibers (grain) in the wrong dimension.



Fig's TT1

Potential Solutions:

- ✓ We can decrease the forces trying to move it. This can be done by following proper packing procedures-see SunShine Paper's Technical Guide "Attaining Print quality with Press Packing". For a copy call your local dealer or 800-654-5432.
- ✓ The energy absorbed can be increased by increasing the paper to paper interfaces. Whenever possible, two sheets of packing should be used because the paper fibers have microscopic contours which interlock when two sheets are placed together. This interlocking allows sheet-to-sheet movement but without slipping.
These sheet-to-sheet layers absorb and dissipate the energy and vibration, and therefore less force is available to cause creeping and less heat energy must be dissipated by the plate or blanket.
- ✓ Maintain balance, if the plate packing is changed (say-increased to shorten the image size) the blanket packing must also be changed-decreased in this case to maintain the proper nip or squeeze.
- ✓ Mounting the presspacking with the grain (paper fibers) aligned parallel to the cylinders.

SunShine Presspacking is a printer's ideal choice for flexibility and is the most economical substrate for daily use in building up cylinder diameters, controlling nip pressures, resisting compression, reducing heat buildup, absorbing and dissipating vibration and controlling print length. Paper Press Packing plays a vital role in reducing make-ready time and maintaining consistent quality of the finished project.