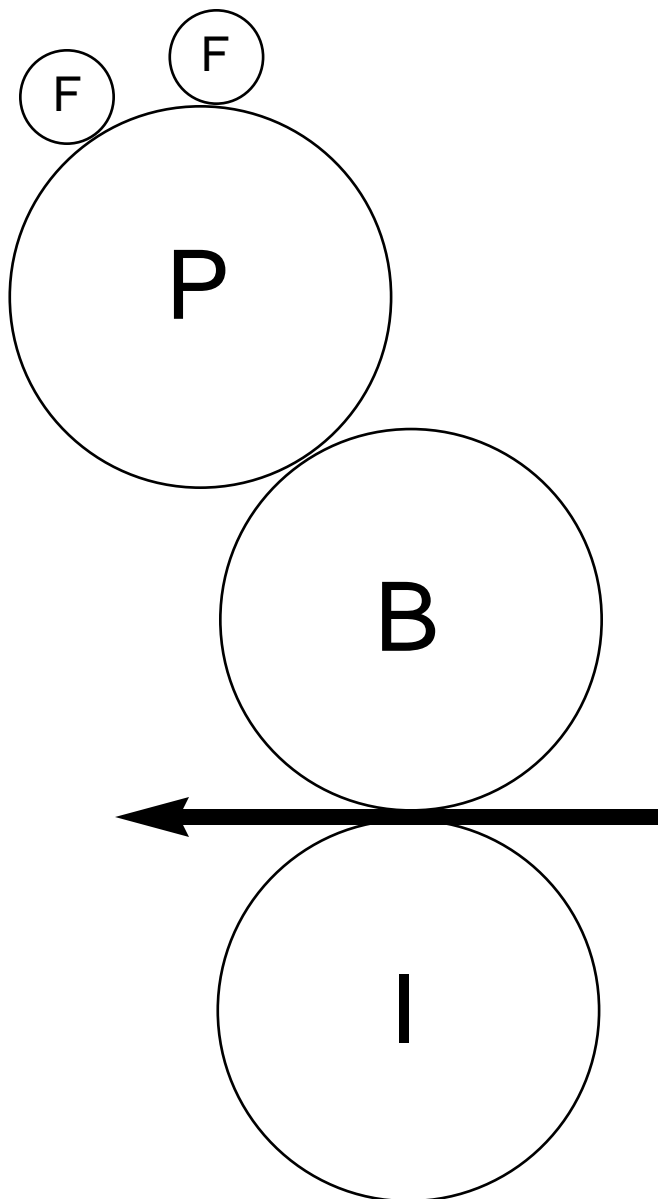


## DPM2000 : Printing with Mega Plate Material : TN #3

### Proper Press Pressures

Form - Plate	1/8" stripe
Plate - Blanket	3/16" stripe
Blanket - Imp.	1/4" stripe



### Mega Plate Press Chemistry

The chemistry of the etch is designed to be used in its concentrated form - **ITEK BRAND 38766 ETCH**.

The etching solution should be applied evenly over the entire plate surface using a new cotton pad. This etching causes the image to become completely ink receptive. It is advisable to dampen the plate with working strength fountain solution before printing to ensure the plate is properly moistened. The etching solution may be used to clean up tinting or scummed plate.

#### **Fountain Concentrate**

It is advisable to use a fountain concentrate with a pH 4.0-5.0 when running **MEGA HN** plate material.

We recommend:

**AB DICK BRAND 4-1185 Performance Fountain Concentrate**

Depending on the local water conductivity it may be advisable to use alcohol or an alcohol substitute to help break down the surface tension of base water and bring the working fountain solution within the recommended ranges for proper printing conditions

We recommend:

**AB DICK BRAND SURE DOT**

**4-1175 Alcohol  
SR-1275 Proxy Alcohol Replacement**

#### **Image Deletion**

Image removal pens and fluids are available and may be used prior to or after inking the plate. Remove the ink with etching solution and then wipe the unwanted image with the deletion pen or fluid and allow to dry. Dampen the plate and resume printing.

#### **NOTE:**

**Starting fountain solution mixtures would be :**

- 2 ounces of concentrate mixed with distilled water, then if required mix in 6oz of isopropyl alcohol per quart of fountain, or 1oz of alcohol substitute per quart of fountain.
- pH 4.0-5.0 with a conductivity range of 900-1200.

The plate should be etched with MEGA Etch (38766) prior to mounting on the plate cylinder. **Use a clean cotton pad, do not pour the etch directly on the plate, but dampen the cotton pad instead.** Wipe vertically working from top to bottom until the plate is covered. Mount the plate and run as usual.

If for some reason the press is stopped, it may be necessary to dampen the plate once more, wet a cotton pad in the press fountain. Dampen the plate on the plate cylinder. If for example, you are running a press with segregated dampeners similar to **Crestlines** or **Kompac**, start the press first, drop the dampener rollers onto the plate without the ink rollers on. Let the press idle for a few revolutions, now drop the form rollers onto the plate and continue as before.