What can you save if you eliminate ribbons and ink fountains from your printout design?

Other manufacturers are saving 14 to 17% of total manufacturing costs by using Porelon® microporous plastic for type inking. Porelon material contains its own ink supply—enough for millions of impressions with computer printer equipment. So it replaces ink fountains, ribbons, ribbon reversing systems, even ink distribution rollers.

One customer using Porelon material reports an ink capacity of 10,000,000 lines with a 32-column printer using a 2 1/2 inch O.D. x 3 1/2 inch wide Porelon roll.

Just think what that means. Replacing this intricate and costly mechanism lets you save right from the drawing board through manufacturing. Your customers save, in maintenance of the completed system, too, because there is nothing to fill or change for the life of the Porelon microporous plastic roller. And the impressions are always crisp, clear and legible because there’s nothing between the metal type and the paper to blur or smudge the image.

Porelon materials do all this because they’re not just an ink-impregnated material. Ink is blended right into the Porelon material as it’s formed, and it’s held in interconnected, microscopic pores. Ink flows to the surface of the Porelon microporous plastic by capillary action as it touches the type metal. It flows back by the same type of attraction when pressure is relieved.

Nothing is left on the surface to dry. And because the inks in Porelon material dry only by absorption, nothing dries on the type—even overnight. There is just one way Porelon material gives up its ink: capillary action. It doesn’t dry out, even during long periods of storage. You can’t squeeze it out, so contact pressure with the type is light and friction and wear are minimal. Under normal conditions, you can’t spin the ink out of Porelon material by centrifugal force, either, so there is no misting, even at high rotational speeds.

Porelon microporous plastic works efficiently over a broad temperature range of 50° to 110° F. It can be used at peripheral speeds of 17,000 inches per minute. (That’s 2,700 rpm on a 2” roll.) Porelon material is strong and long-wearing, with a standard hardness of 12 to 15 Shore A durometer. Ink formulations are available in black, blue, red, violet and green.

Porelon materials are already at work in hundreds of print-out mechanisms.

In high-speed applications on single and multiple column printers and key punch card machines, it has been used for direct inking and with transfer rolls. Its low-speed applications include ribbon re-inking, postage meters, ink transfer from pads of Porelon material and many others. All have a single common feature—reduced cost through design simplification.

There are many ways to cut design and manufacturing costs by using Porelon inking materials in business machines. Most are listed in a special booklet available from Johnson Wax. If you’re ready to save by simplifying your print out systems, just return the enclosed coupon and we’ll send you your copy. Remember, we are always ready to help. Just make a check mark in the box below and a Porelon engineer will contact you.

☐ Please send me my copy of the booklet, PORELON “solid” inking systems for business machines.

☐ I’d like to talk to a Porelon engineer.

Name____________________________ Title____________________________

Firm________________________________________

Address______________________________________

City_________________________ State________ Zip________

We are considering PORELON materials for the following application:

__________________________________________________________

“Johnson” and “Porelon” are registered trademarks. © 1971 S. C. Johnson & Son, Inc., Racine, Wisconsin

Adv. 11-85-84

CIRCLE 53 ON READER SERVICE CARD.