



Images

September 2005

Greetings!

We hope you all had a pleasant and relaxing summer. Here at Teca-Print we have been busy putting together more useful information for you.

The focus of this month's newsletter is the **TPX 200 & 201** and our high quality silicon pads. From cleaning and maintenance to types our and uses; we hope to provide you with all you ever needed to know about pads.

Coming Soon!!!

Information on a Teca-Print's revolutionary new silicon printing pad.

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Types of Pads

Servo/Pneumatic Hybrid



TPX 200 & 201

Teca-Print takes hold of the pad printing industry with its new pad printing machines: compact, technical marvels known as the **TPX 200 & 201**. The microprocessor controlled machine



Teca-Print offers various types of printing pads. These pads can be purchased in varying degrees of hardness. On

delivery their hardness tolerance is +/- 2 shore-00-Si.

- **Standard Pads** - for a very good, fine line transfer
- **Long Life Pads** – with a considerably longer life span

Standard Pad Colors

- Blue – shore 62 – very hard, for textured surfaces
- Red – shore 54 – normal, most used pad very versatile
- Green – shore 44 – soft – especially good for rounded or curved components
- White – shore 38 – very soft – for delicate and breakable components

Long Life Pads

- **C** is milky white – shore 64 – hard
- **M** is also milky white – shore 54 – medium

The golden rules for pad selection - when ever possible choose a pad that is most:

- Hard
- Pointed
- The Largest Size

utilizes a combination servo motor and pneumatics drive; thereby possesses the advantages of both systems. The infinitely adjustable horizontal stroke of the machine guarantees the user flexibility and ease of use.

The **TPX 200 & 201** are designed to the highest technical requirements. Incorporated into the design are a spacious work area, touch screen control, and integration of all the standard peripheral devices. **Teca-Print's** new cliché system saves time with change-overs, by offering the operator flexibility to easily change to clichés of varying sizes. The X and Z axis positional adjustments are a standard feature with this cliché system and the Y axis (horizontal pad stroke) is automatically adjustable

Hard – so that the image is sharp and also can produce a clean print onto textured surfaces.

Pointed – so that less air can get trapped during the ink pick-up and ink transfer

Largest size – so that distortion of the image is avoided

Pad Maintenance

How to store printing pads: Remove the protective wax coating upon receipt. Store in upright position in a cabinet not exposed to light, dust or debris. With a new pad, the print surface must be activated; and care should be taken in doing so. Use a soft paper towel soaked in the same thinner used in your ink and wipe the print surface thoroughly. When the surface turns matte and the solvent has evaporated the pad can be used to print

How to clean and maintain pads during production: The ink should fully release from the silicone pad after each transfer stroke. If ink is retained on the pad, or if the pad picks up any dust, dirt or debris from contact with the substrate or from the atmosphere, this dried ink or debris must be removed periodically from the surface of the pad. Use the sticky side of Teca-Print cleaning tape to clean the surface of the pad.

How to reactivate pad during production: If you have cleaned the surface of the pad with Teca-Print cleaning tape and you have checked your ink viscosity, but the ink still does not release from the pad after the transfer stroke. You may need to reactivate the pad by

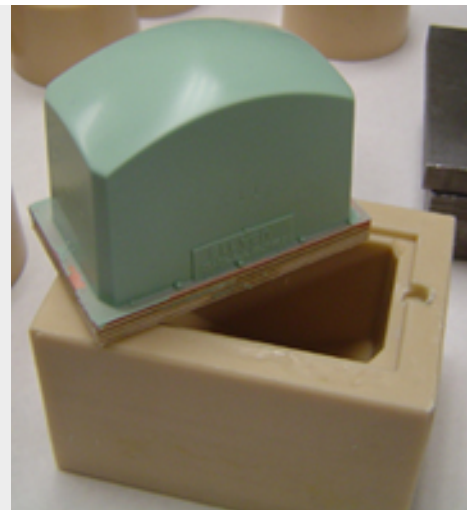
through the touch screen panel.

Teca-Print's TPX 200 & 201 pad printing machines were introduced into the market to satisfy the highest requirements for print quality. They offer cost-effective pad printing up to four colors and an easily integrated or removable automatic pad cleaning device. Additionally, the **TPX 200 & 201** provide a comfortable working space for printing jobs and are especially well suited for integration into systems.

wiping it with a soft, lint-free cloth soaked with alcohol. The alcohol is not as aggressive a solvent as the thinner and will not dry-out the pad prematurely. If the ink still does not release from the pad after the transfer stroke, a new pad may be needed.

Beware:

- Never rub pads dry (creates the “rubber effect”)
- Don’t rub off excess ink or dirt particles as it will damage the print surface.
- If ink pick up is poor, a light wash with solvent over the pad should be used.



***Completed
Manufactured Pad***

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