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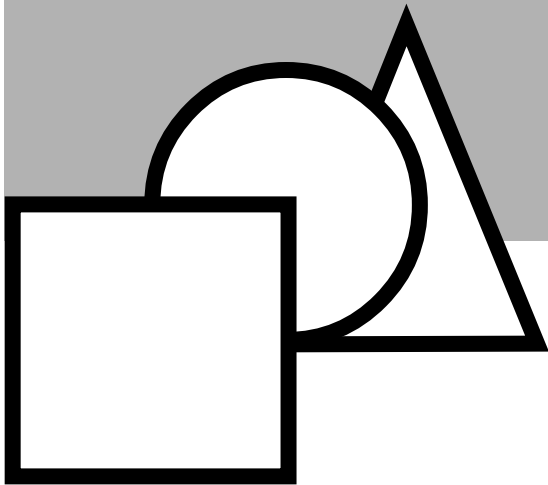
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# Transfer Pad Printing

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# Silicone Transfer Pad Care



***Complete Pad Printing Solutions***



For best results when printing this file, set printer resolution to 300 dpi.

While every effort has been made to ensure the accuracy of this manual, Trans Tech cannot be held responsible for any errors or omissions. We reserve the right to make changes to technical specifications without prior notice.

## Unpacking New Pads

Unbox and remove new pads from the vacuum packaging immediately upon receipt of shipment. If left in the original packaging, the pad will deform due to contact with the shrink wrap and other packaging material. It is possible, if left for too long, that the deformation will be permanent. If unpacked in a timely manner, any noticeable imperfections should disappear within 24 hours.

## Using a Pad for the First Time

Clean the pad with Pad Cleaner (# 1411121). Allow to air dry, then remove any lint or debris by blotting the pad surface with clear cellophane tape. Occasionally, a new pad must be printed with for a short time to 'break-in' prior to producing a good print. Print on paper or clear tape until the pad is transferring a good image.

## Pad Storage

All silicone transfer pads have a recommended shelf life. While it is possible that an expired pad may still produce an acceptable print, print quality and pad life will be diminished. Always rotate pad inventory using the 'first in, first out' method.

Choose a location away from dust and dirt where the temperature is maintained between 68 and 80 degrees F and humidity is between 30% and 50%. Store pads exposed to air and on a flat surface with the base down. To prevent deformation, make sure nothing is touching the surface of the pad.



Do not seal in bags or containers!

## Ensuring Long Pad Life

The average life of a silicone transfer pad is 40,000 printing cycles. Many factors will influence the actual attained life. Following these suggestions will prolong the printing life of our standard pads.

- ◆ Use the proper silicone type for your application.
- ◆ Clean pads only with Pad Cleaner (# 1411121) or clear cellophane tape. Do not use solvents or thinners, as they will remove the silicone oil from the pad surface.
- ◆ Use Long Life Oil (# 141112). Clean pad with Pad Cleaner (# 1411121) and allow to air dry for 8 hours. Apply an even film of Long Life Oil to the surface of the pad with finger or soft tissue. Store as described above for a minimum of 24 hours. Before reusing pad, clean thoroughly with Pad Cleaner (# 1411121) and allow to air dry.
- ◆ Alternate pads at least every other day. Clean, apply Long Life Oil and allow pads to 'rest'.
- ◆ Avoid contacting sharp or pointed edges and objects with the pad.
- ◆ Avoid over-compressing the pad. Compress the pad only as much as is required to pick up and release the entire image.



Do not use Long Life Oil on pads if clear coat is to be applied after printing!

## Cleaning Pads with Tape

To maintain print quality during production, it may be necessary to clean the transfer pad. The pad can pick up dirt and debris from contaminated parts or dust and lint from the air. Excess ink can remain on the pad due to incorrect printing speed, the type and amount of thinner or from the edge of the image when printing on a raised surface. Stray ink can be picked up from outside the doctoring path or from a poorly doctored image.

The pad is cleaned by blotting the surface of the pad with the sticky side of clear cellophane tape until all ink and debris is removed.



Be sure to follow all recommended safety precautions when working on or around the printing pad!