

Sefar has the following recommendations to make for enhanced screen performance during the various phases of the printing process. Should additional support be required, please direct your sales representative to contact Sefar Technical Support on your behalf. Sefar has a number of technical professionals on staff available to assist customers with process and screen related questions.

Recommendations

Pre-Printing Recommendations

Be sure to clean the screen prior to use to remove any contaminants that may have been introduced through packaging and handling of the screen.

If shipping damage is evident when the screen arrives, please retain the packaging materials so that a claim to the freight handling company for damages may be made.

Inspect the screen prior to use. Verify mesh type*, emulsion thickness preferences and tension** to insure that the screen will be ready for production when you are.

*SEFAR® PA 1000 polyamide mesh has the ideal elasticity to allow a perfect fit to objects that have varying surfaces. SEFAR® PET 1500 polyester mesh has more dimensional stability, making it better suited for color-to-color registration accuracy.

**Container printing requires a more flexible screen to make full contact with the curved surfaces.

Printing Recommendations

Set the snapoff at the lowest setting and increase as needed to enhance the print. A lower snapoff value will extend the life of the screen.

Set squeegee pressure at the minimum required to get a good print. Decreased squeegee pressure will extend the life of the screen.

Be sure to cut the squeegee blade down so that it extends approximately a half of an inch on each side past the edge of the image. Minimizing the squeegee blade length will extend the life of the screen.

Lift and lower the squeegee well past the edge of the printed image. This will avoid edge effect printing that can alter printed thickness or distort the printed image near the edges of the substrate.

Post-Printing Recommendations

Clean the screen immediately upon the completion of the printing process. Never soak the screen prior to wiping or rinsing. Using a towel saturated with solvent, loosen ink from the squeegee side of the screen (use a dry cloth on the substrate side of the screen to absorb residual solvent passing through the image area). Be sure to minimize any rubbing. Use a non-abrasive cloth if available.

Dry the screen after cleaning with forced air if available. Store the screen at 70 degrees Fahrenheit and 50 percent humidity, if possible. Store the screen standing on the frame edge, as close to vertical as possible to minimize stress to the frame and the mesh.