

Elimination of Gear Banding with R/bak® SA 2000

Problem

Banding in tonal areas is a common problem for many printers, especially in Narrow Web. These bands of alternating high and low ink density are shown below. This defect has many causes, including machine vibration as well as image layout on the plate.

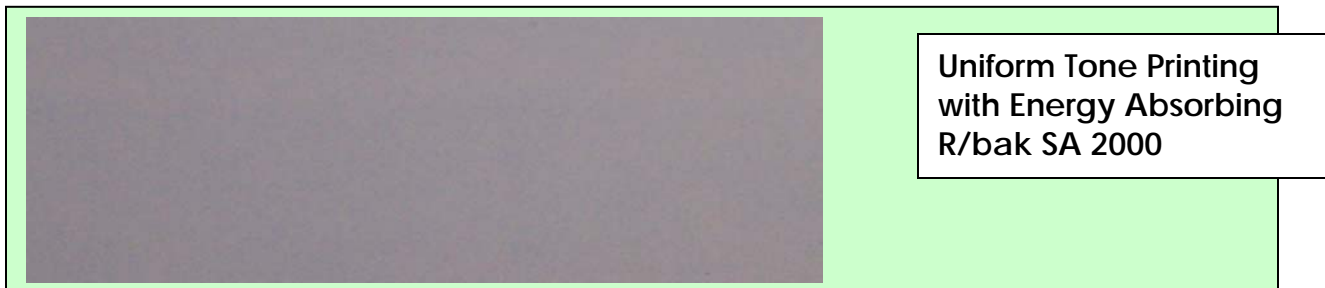


Solution

R/bak® SA 2000 Cushion Mounting Tapes

Results

SA 2000 uses open-cell urethane foam technology to provide unequalled energy absorption that eliminates the banding defect in most situations. Compared to competitive mounting tapes that use closed-cell polyethylene foam, SA 2000 better prevents plate bounce and dissipates vibration resulting in noticeably more uniform tonal areas.



Still not convinced? Visit <http://www.rogerscorp.com/hpf/printing/video.aspx> and see for yourself how the R/bak SA 2000 open-cell urethane technology actually absorbs energy much better than the competitive closed-cell polyethylene foams. A simple ball drop demonstration shows a dramatic difference between these two different types of foams and how they handle impact energy. This difference can improve your print quality.

High Performance Foams Division • Woodstock, CT, USA • T: 607.786.8112 • F: 607.786.8120 • www.rogerscorp.com

The information contained in this Application Note is intended to assist you in using Rogers' R/bak SA 2000 Tapes. It is not intended to and does not create any warranties; express or implied, including any warranty of merchantability or fitness for a particular purpose or that the results shown on the Application Note will be achieved by a user for a particular purpose. The user should determine the suitability of Rogers' R/bak SA 2000 Tapes for each application. The Rogers logo, The world runs better with Rogers, and R/bak are licensed trademarks of Rogers Corporation. © 2007, 2008, 2012 Rogers Corporation. All rights reserved. Printed in USA, 0412-PDF, Publication #12-054