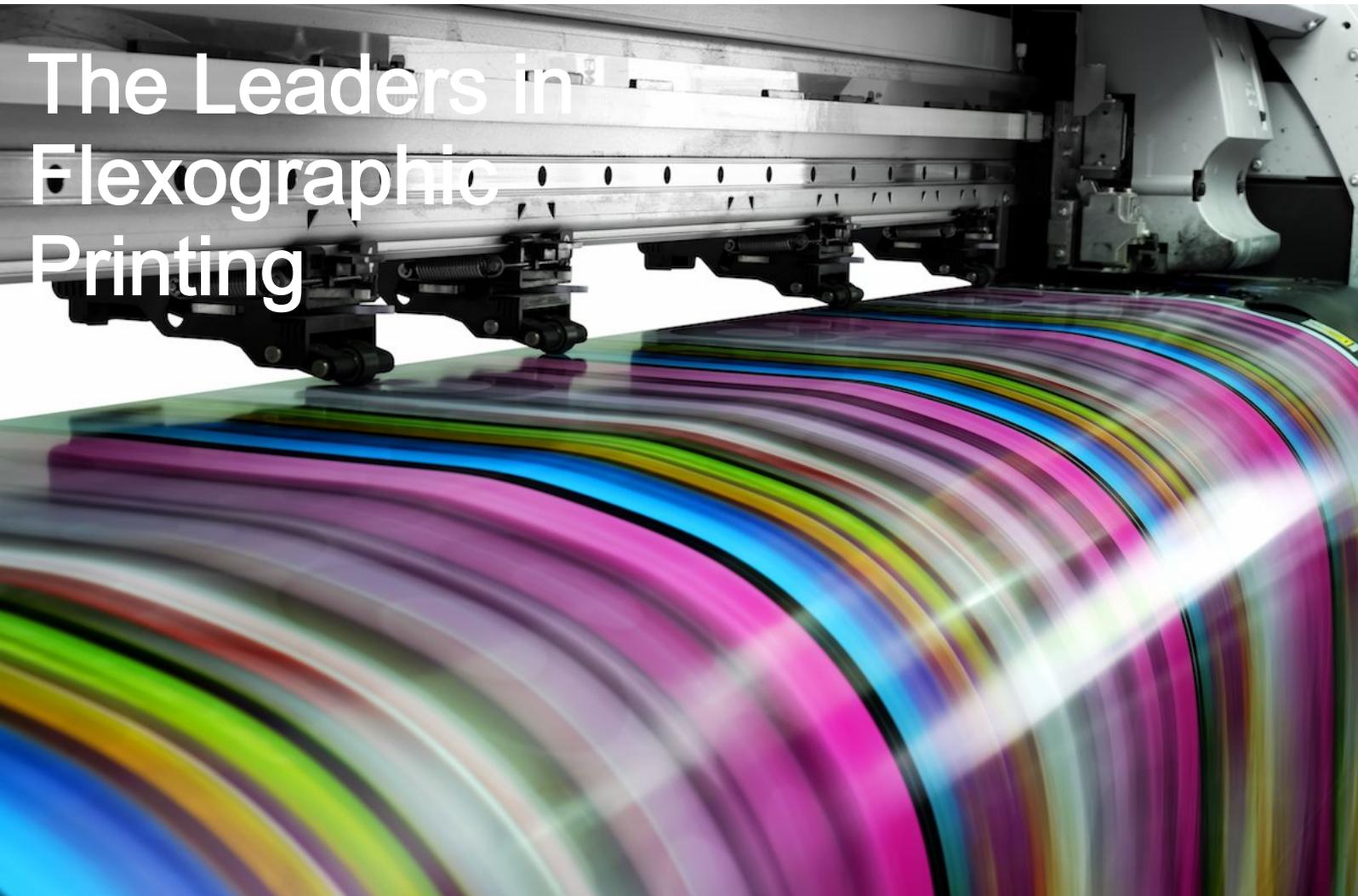




ROGERS
CORPORATION

R/bak[®] Cushion Mounting Materials

The Leaders in
Flexographic
Printing



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In the Long Run, the Difference is the Cushion.

Speed, quality and price – you know that's what your customers look for from a flexographic print run. And one of the most important factors in delivering all three is often overlooked: the cushion mounting tape.

A Unique Open-Cell Urethane Cushion

The key is our unique open-cell urethane technology. Our urethane cells "bounce back" to their original state instead of breaking down under the constant pounding of your presses. So the tape you remove in demount has the same qualities as the tape you mounted in set up. The result is millions of high-quality impressions.

The Value of Consistency – Over Millions of Impressions

The consistent performance of R/bak Tapes means you can make millions of impressions at faster speeds without making adjustments. You save time, money and aggravation.

The Right Cushion for Each Job – from Solids to Screens

R/bak Series tapes deliver award-winning quality for all your flexographic print jobs. With three levels of compressibility, R/bak Series offers the right cushion for precise results across the board, from line to process.

Better Print Quality from Start to Finish

With R/bak Series cushion mounting tapes you can run even the largest jobs, knowing the results will be there. Because only the compressibility of R/bak open-cell urethane holds up to the rigors of flexographic printing.

Stop wasting time and money making on-press adjustments to achieve the results your customers demand. Instead, make a single business adjustment: change your tape to R/bak Series and deliver quality time and time again.

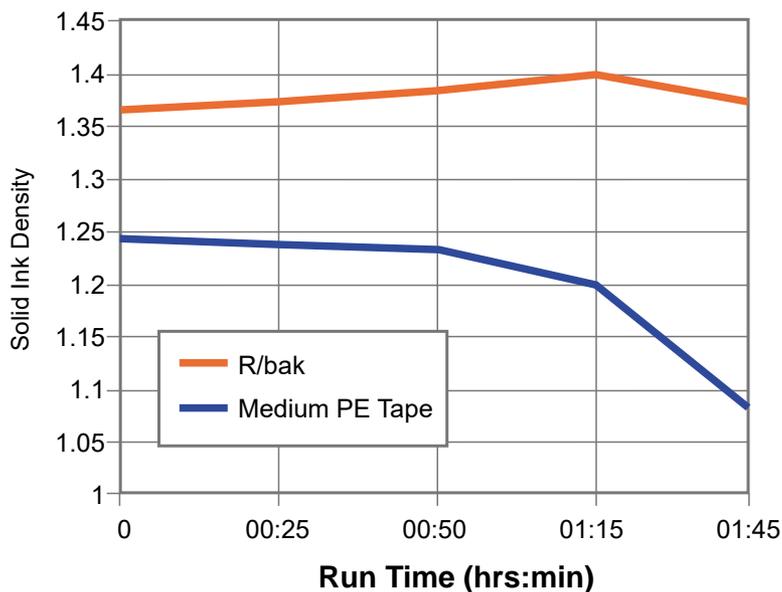
As Run-time Increases, the Superior Quality of R/bak Remains Consistent.



Initial print quality with R/bak Series



Initial print quality with medium PE tape.



R/bak Series print quality after 1 hour and 45 minutes, with no adjustments.



Medium PE tape print quality after 1 hour and 45 minutes, with no adjustments.

The Science Behind the Art of Better Flexographic Results.

The Adhesive Difference.

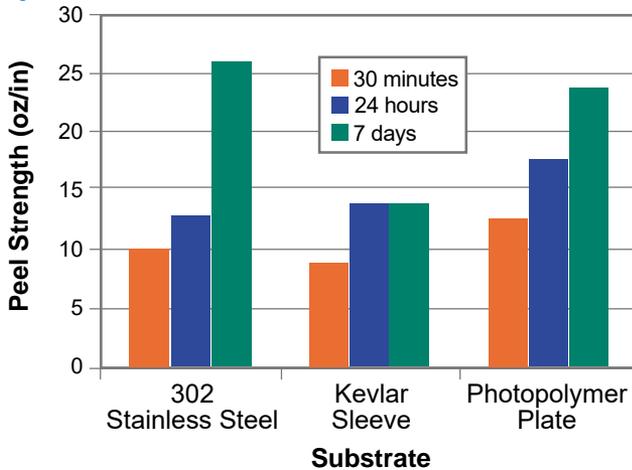
All R/bak products utilize specially developed adhesive chemistry.

Improved solvent resistance – stand up to alcohols and acetates commonly used in printing

Easier handling – adhesive releases easily if contacted to itself

Complete removability – no adhesive transfer to plates or cylinders

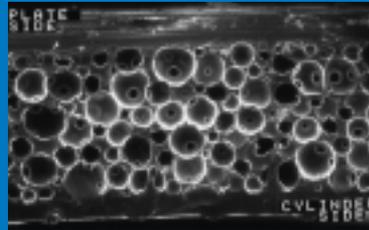
Peel Strength of R/bak Adhesive System



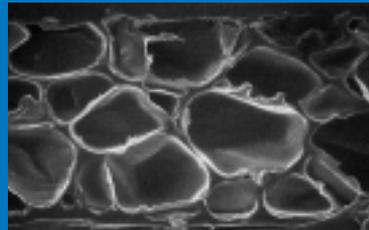
R/bak Plate-Side Adhesive Solvent Resistance

Solvent	Performance
Water-Based Ink Cleanup (20%)	Excellent – no effect on PSA or plate hold-down ability
Isopropyl Alcohol	Good – minor swelling of adhesive, no effect on plate hold-down ability
n-propyl Alcohol	Good – moderate swelling of adhesive, no effect on plate hold-down ability
Ethyl Alcohol	Fair – minor swelling of adhesive, some effect on plate hold-down ability
80:20 Solution of n-propyl Alcohol and n-propyl Acetate	Good – minor swelling of adhesive, no effect on plate hold-down ability
Methyl-ethyl Keytone	Good – minor swelling of adhesive, no effect on plate hold-down ability
Toluene	Good – moderate swelling of adhesive, no effect on plate hold-down ability

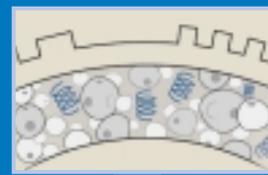
The big quality difference between R/bak Series and other tapes can best be seen by taking a microscopic look at very small cells. Open-cell urethane bounces back over and over again so that the tape provides the same level of cushioning no matter how many times it is compressed. Closed-cell polyethylene breaks down in use, not bouncing back and resulting in loss of ink density.



Open-cell urethane structure (magnified 100 times) naturally bounces back to deliver consistent results.



Closed-cell polyethylene's molecular structure (magnified 100 times) changes with repeated use and requires repeated adjustments.



R/bak open-cell urethane foam



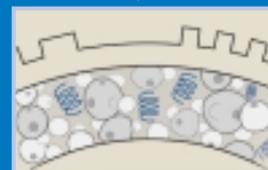
Closed-cell polyethylene foam



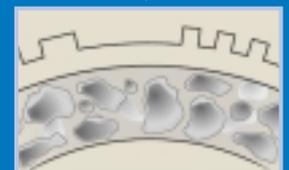
Open-cell structure "springs" recover after compression



"Balloons" or closed-cell structure ruptures under over-impression



Original performance



Loss of impression force and reduced resiliency