

XVR™ Anilox Rolls

(Xtreme Volume Range)

PRODUCT SHEET

ANILOX AND COATING ROLLS
DIVISION

The XVR™ digital technology was developed for precisely transferring thin ink films with micron accuracy. We recommend and guarantee that when you work with the strongest, thinnest film of ink, you will get the best ink mileage, best print quality, easiest impression set-up, and you'll get it at the most consistent levels possible.

Echotopography Digital Volumes

EDV's are the digital engraving calibration measurements used for setting up every anilox. It measures the cubic microns per inch carrying capacity of the anilox engraving, as measured in Billions - or expressed as Billions Cubic Microns (BCM). XVR™ surfaces are manufactured using EDV, providing the most accurate digital transfer volumes in the world.

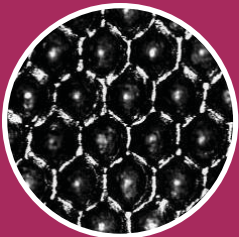


Print Quality

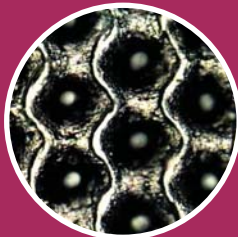
Harper has taken great pride in ensuring every customer experiences 'print quality' improvements as a result of delivering excellence in its products and services. Experience greater peace of mind with the fairest, most comprehensive warranty in the industry. 100% Print Performance Guarantee!

For optimal results we recommend:

To achieve best results, the recommended anilox cell pattern for XVR™ anilox rolls is the 60° and 30° hexagon engraving.

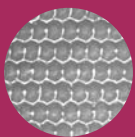


60° Hex



30° Hex Channel

NOTE: The following engravings are also available. Please consult your Harper GraphicSolutions™ team member for best recommendation for your application



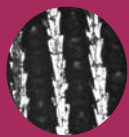
70° Hex



45° Quad



45° TriHelical

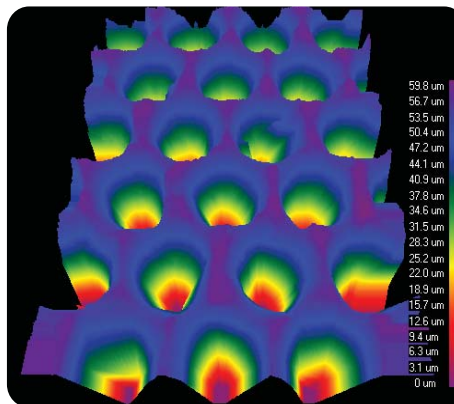


89° TriHelical

XVR™ Technology Applications

XVR™ anilox rolls are the best choice for the following applications:

- ▶ Process Printing
- ▶ Combination Solids & Screens
- ▶ PMS & Solid Colors
- ▶ Whites



CPI Ranges (Line Screen)

Cell Per Inch (CPI) ranges from :

▶ 2000 to 120 CPI

BCM Ranges (Volume)

BCM - expressed as Billions Cubic Microns ranges from :

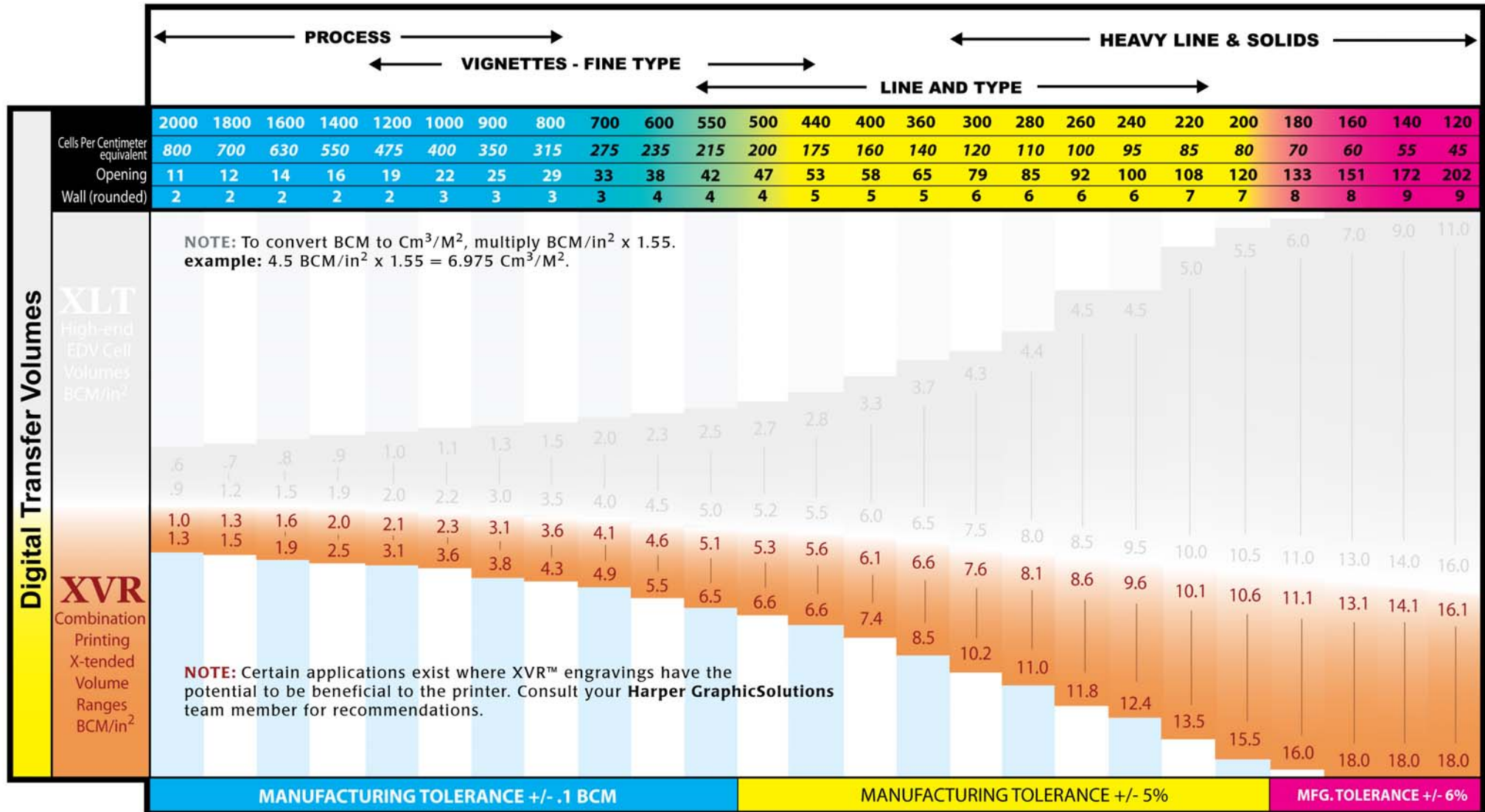
▶ 0.6 to 16.0 BCM

XVR™ Anilox Rolls

VOLUME CHART

Echotopography™ Digital Volume (EDV)

ANILOX AND COATING ROLLS DIVISION



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