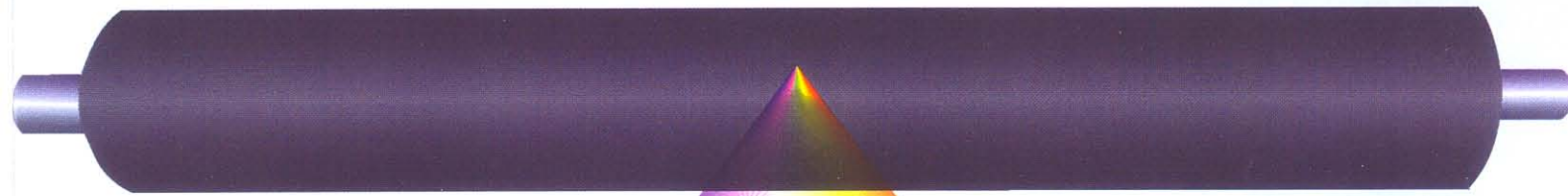


# LASERLIFE



## SERVICING PLANET EARTH



AUSTRALIA, U.S.A, SINGAPORE, CANADA, FIJI, CHINA, STH AFRICA, INDIA, THAILAND, SPAIN, SAUDI ARABIA, TAIWAN, KOREA, INDONESIA, MALAYSIA, VIETNAM, UNITED KINGDOM, MEXICO, NEW ZEALAND, P.N.G, PHILIPPINES, SRI-LANKA, ITALY, JAPAN, EGYPT.....

# INTERNATIONAL QUALITY ANILOX

## WITH MULTI HIT FAST INK LASER CELLS

OLD CONICAL

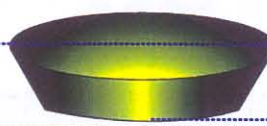
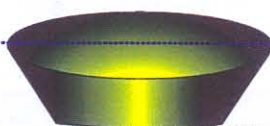
SINGLE HIT

MULTI HIT

CELL

LASER CELL

LASER CELL



Same cell volume. Different cell depth

FAST INK CELLS RELEASE INK BETTER & WASH UP FASTER BECAUSE  
A SHALLOW CELL CAN BE USED FOR THE SAME VOLUME.

## NOW INTRODUCING THE THE FAST INK YAG LASER CELL

- \* MORE DURABLE, LONGER WEARING
- \* FINE CELL COUNTS 700 TO 1600 LPI
- \* PRECISION VOLUMES BY VEECO INTERFEROMETRY

Anilox section guide for process printing  
"Minimum dot size to print"

Film / Plate Screen LPI	Anilox LPI	Anilox LPI	Anilox LPI	Anilox LPI	Anilox LPI	Anilox LPI
PLATE SCREEN PERCENTAGE	1% DOT	2% DOT	3% DOT	5% DOT	10% DOT	80% DOT
45				250	250	250
55				250	250	250
65			500	250	250	250
85		500	500	300	300	300
100		600	600	350	350	350
120	950	700	700	450	450	450
133	1000	800	800	500	450	450
150	1200	900	900	500	500	
175	1400	1000	1000	600	500	
200	1600	1200	1200	700		

### BANDED ANILOX



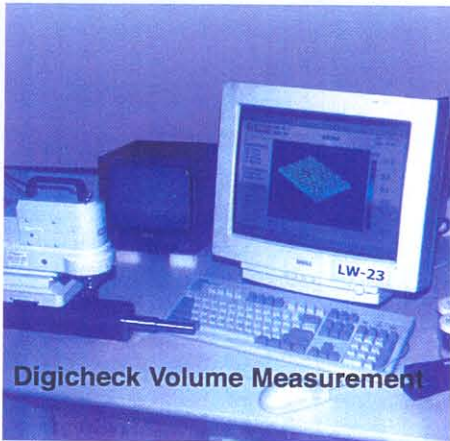
THE BEST WAY TO FINGER PRINT YOUR PRESS.

# Laserlife Ceramic Anilox

Quality System  
Quality Endorsed Company  
ISO 9000 LIC 1981  
Standards Australia



Laserlife Ceramic Anilox



Digicheck Volume Measurement

## Leading Ceramic Technology

You demand the best, Laserlife are international leaders. We continually source and evaluate new materials and engraving processes to specifically improve performance. Our ceramic to steel bonding technique is unique. Our ceramic is amongst the hardest.

## Fast Ink Cells

Produced by multi hits with the laser beam. The first hit makes the cell, further hits, increases the volume. The table below shows a common range of cells. The multi hit produces a clean and uniformed cell.

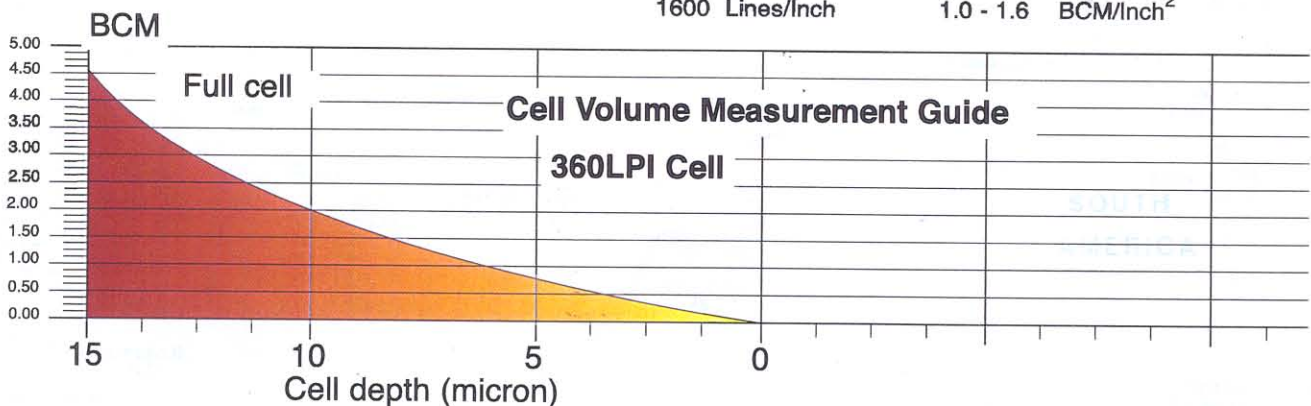
## Cell Volumes

Screens	Volume
100 Lines/Inch	11 - 18 BCM/Inch <sup>2</sup>
150 Lines/Inch	9.0 - 13 BCM/Inch <sup>2</sup>
200 Lines/Inch	7.0 - 11 BCM/Inch <sup>2</sup>
250 Lines/Inch	7.0 - 11 BCM/Inch <sup>2</sup>
300 Lines/Inch	4.0 - 8.0 BCM/Inch <sup>2</sup>
360 Lines/Inch	4.0 - 8.0 BCM/Inch <sup>2</sup>
400 Lines/Inch	3.5 - 6.0 BCM/Inch <sup>2</sup>
500 Lines/Inch	2.9 - 4.5 BCM/Inch <sup>2</sup>
600 Lines/Inch	2.5 - 4.0 BCM/Inch <sup>2</sup>

## YAG CELLS

Screens	Volume
700 Lines/Inch	2.0 - 3.5 BCM/Inch <sup>2</sup>
800 Lines/Inch	1.7 - 3.0 BCM/Inch <sup>2</sup>
900 Lines/Inch	1.6 - 2.6 BCM/Inch <sup>2</sup>
1000 Lines/Inch	1.2 - 2.2 BCM/Inch <sup>2</sup>
1400 Lines/Inch	1.0 - 1.8 BCM/Inch <sup>2</sup>
1600 Lines/Inch	1.0 - 1.6 BCM/Inch <sup>2</sup>

Volume Conversion 1.0 BCM/SqInch = 1.55 CC/M<sup>2</sup>



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