



Pro-Lite HD™ Anilox



Introducing new Pro-Lite HD™, the *Operator Friendly Anilox*.

Lightweight construction, 63% to 76% lighter than conventional bases & 50% less weight of the competition. Better bearing life due to less pressure. Easy lifting, no hoist, no trolley.

Pro-Lite HD™ features a lightweight Aluminium core and super strong poly-fibre base with CTS patented "Diamond Hardness" Ceramic Coating, Corrosion barrier Coating and super-honed finish. P.A.R.T QA Certificate with every unit supplied.

CTS Pro-Lite HD™ are *100% manufactured in the USA*. The only US company to manufacture Anilox Rollers from start to finish culminating in in house engraving to your specification at +/- .0001"

CTS Pro-Lite™ is lightweight and durable for improved operator safety and less chance of damage in handling.

New Pro-Lite HD™ now available for HP Indigo presses.

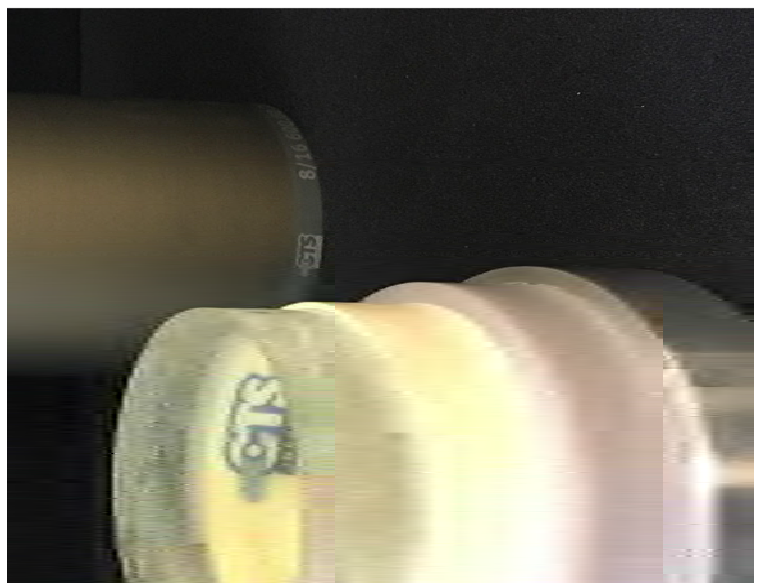
- Minimum OD: 1.000". Maximum OD: 11.999
- Minimum Length: 4". Maximum Length: 100"
- Engraving of 50 to 1500 LPI.
- Volume ranges from 0.5 BCM to 75 BCM
- Patterns of 60°, 30°, 45°, & Tri-Helical (and special requests)
- Meets or exceeds OEM Quality
- P.A.R.T™ QA Certification with every roller
- EZ View™ ID Engraving on every roller

Available for all presses including HP Indigo!

Since 1980, CTS Industries have produced precision engraved rollers and sleeves. Anilox manufacturing is CTS core business and all products including journal making, coating and engraving is produced in house in a state of the art 70,000 sq. foot facility in Cedartown, Georgia USA. CTS Industries priority is to give customers the absolute best solutions for narrow web industry.

Newly installed engraving equipment exclusive to CTS allow engraving as fine as 2RA finishes and a specially developed super-finishing system that is used in aerospace, with tungsten carbide as used the refinery industry.

CTS Industries designed and developed the Pro-Lite™ anilox roller which has been copied by competitors since 1998. Patented technologies include the original ProLite™ Anilox Roller and the EZ View™ identification engraving. CTS is an FTA member and supporter since 1984.

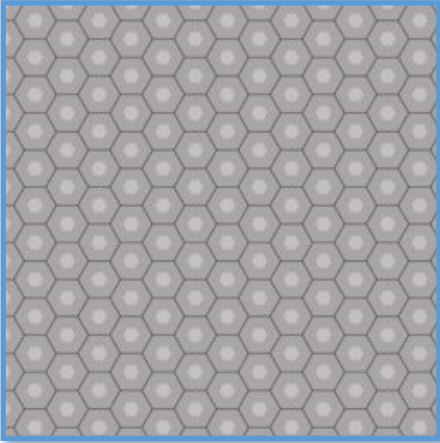


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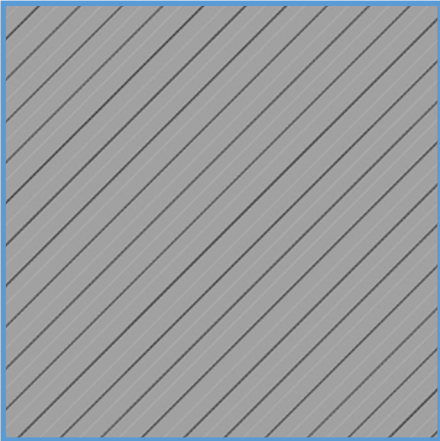
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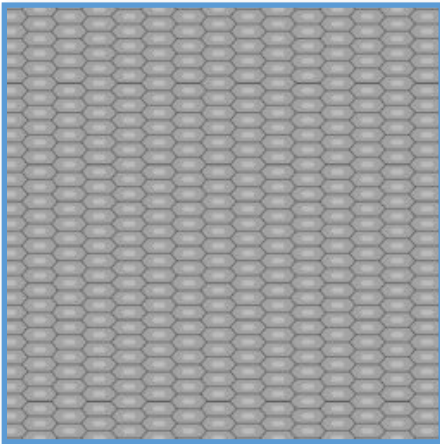
Anilox Cell Pattern Options



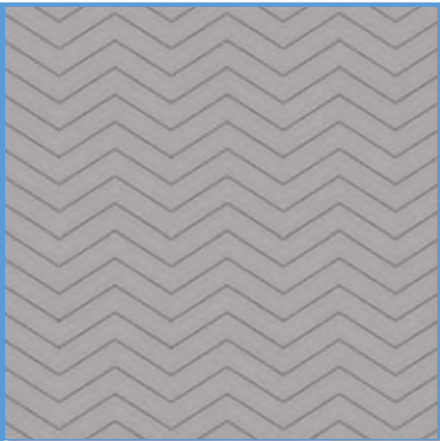
60°/30° Engraving. The six-sided cell, industry termed Hex pattern, with its ability to release more ink per square inch than its traditional mechanically engraved counterpart from years past, the 60° hexagonal shape is used for the majority of ink flexo printing applications today with engravings of 40 to 1800 LPI.



Tri-Helical Engraving. For use with tactile varnish, and glue applications or high viscosity coatings. The Tri-Helical is literally a paddlewheel for picking up and transferring high viscosity coatings. Engravings range from 40 to 250 lines per inch.



Elongated Engraving With the ability to widen the traditional hexagonal pattern, the Elongated cell is best suited for flood coating and large solid dispositions. Traditionally used in volumes of 10 to 20 BCM.



NEW V-Force™ Engraving. Exclusive to CTS Industries, designed for coatings and special applications, V-Force™ technology removes foot printing issues and allows for a smooth heavy transfer. Available in volumes of 15 BCM and deeper.



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Anilox Cell Volume Options



In today's printing industry, every flexographic printer wants to make sure the correct anilox rollers are used for the applications being printed. Thinking about this, we have listed guide lines used in today's printing industry to assist printers in choosing their own set of anilox rollers to create a printing spectrum available for the most popular printing applications in the industry today. We can assist you with volume and LPI choices and will work with you to guarantee the best choice for your requirements .

CELL VOLUME CHART

LPI	100	120	140	165	180	200	220	240	250	260	280	300	330	360	400	440	500	550	600	650	700	800	900	1000	1200	1400	1500	1800	2000
Ultimate Volume	18.4	15.2	12.7	10.7	9.7	8.7	7.8	7.3	6.9	6.6	6.0	5.5	5.0	4.6	4.0	3.6	3.2	2.9	2.6	2.3	2.2	1.9	1.5	1.2	1.0	0.9	0.8	0.7	0.6
Ultraflow Standard Min - Max	15.3	14.8	11.5	9.7	9.0	6.8	7.0	6.7	6.5	6.0	5.5	5.0	4.6	4.0	3.5	3.2	2.8	2.6	2.3	2.0	1.9	1.7	1.5	1.2	1.0	0.9	0.8		
	21.5	17.7	14.0	11.5	10.5	10.0	8.5	8.0	7.8	7.5	6.8	6.1	5.6	7.1	5.9	5.3	5.1	4.9	4.3	4.0	3.7	3.9	3.3	2.9	2.5	1.9	1.5		
INTRODUCING NEW VOLUMES														7.2	6.0	5.4	5.2	5.0	4.4	4.1	3.8	4.0	3.4	3.0	2.6	2.0	1.6	0.7	0.6
														9.0	7.5	6.7	6.7	6.6	5.6	5.2	5.0	4.4	3.9	3.7	3.2	2.6	2.1	1.6	1.4

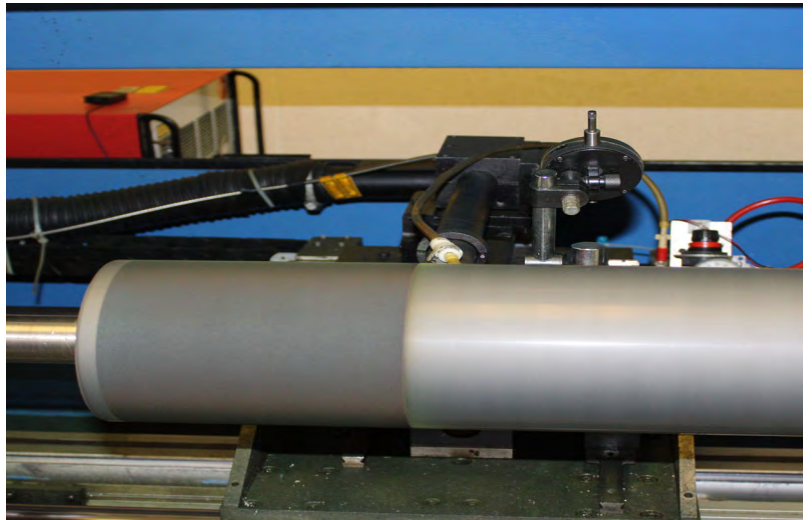
Large type, heavy line printing, Flood coating & laminating	200
Standard type, general applications Block type, Medium reverse, UPC	360
Opaque on film	300 x 2 or 180 x 1
Strong Solids, fine type, small to Medium reverses, screens upwards To 100 dpi	440 – 600
Four color Process 110 – 133 dpi	600 -1000
Four color Process 133 – 150 dpi	800 – 1200
Four color Process 150 – 175 dpi	800 – 1200
Four color Process 175 – 200 dpi	1000 +



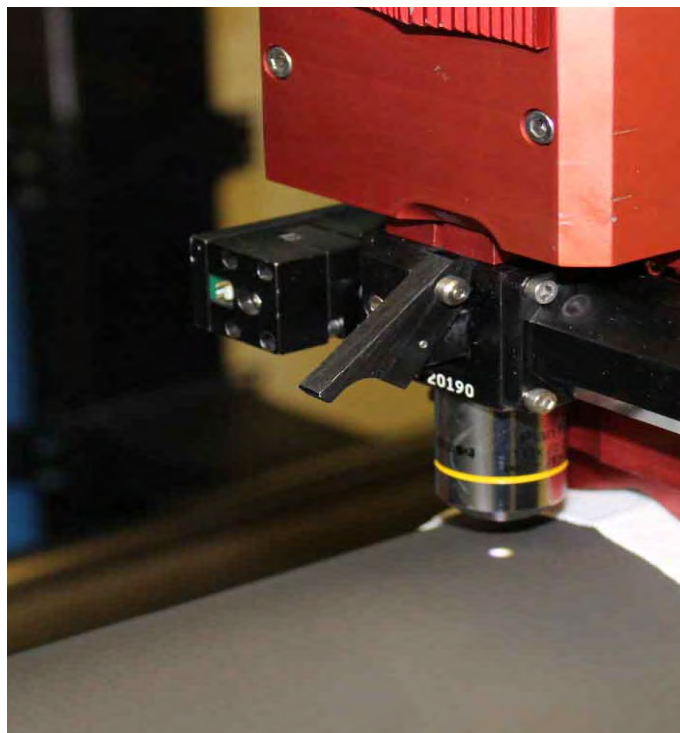
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EZ View ID™
Identification Engraving.
 Never guess the engraving
 of your anilox again.



PART		
Customer: Your Company	S.O. #: 12345	
Type: AQUAFLEX ELS 12"	Roll ID: 1000	
Specified Volume: 3.0		
P.A.R.T. Analysis Volume: 3.0		
Screen Count: 600.00	Depth In Microns: 14	
<p>CTS Industries</p> <p>This is your laser engraved ceramic anilox roll, which has been manufactured with the highest quality materials available through a Statistical Process Control environment, consisting of 32 ceramic and 13 engraving Qualifications.</p> <p>With proper care and cleaning this roll will perform for many high quality impressions!</p>		
<p>QUALITY THROUGH TECHNOLOGY</p> <p>INNOVATION THROUGH SPECIALIZATION</p> <p>1-800-334-7117</p>		



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Also Available

Anilox Carts & Racks

Frames are designed to accept 4 different press widths per cart. No need to buy a different cart for each anilox design! Constructed in strong angle iron welded to hold tons of anilox rollers, as well as precision grade casters to carry the load! Whether you want to store 30 or 70 anilox rollers, we have the frame for you. From 32" square on the double sided frame, up to the 60" square quad design. Our frames are capable of holding anilox rollers from 6" up to 27" face lengths with Stainless and special rubber compounds for the wheel castings Industrial strength enamel paint finish



Anilox Covers

Designed with the printer and the anilox roller in mind! Black, Embossed, 20 mil vinyl that covers a stitched high quality velvet with foam padding to protect even the heaviest of anilox rollers. On the inside of each cover take "bumper pads" designed to keep the anilox roller from moving. With a large Velcro closure, the cover is guaranteed to stay in one place. Each Cover has a pocket outside to allow you to safely store and view the engraving specifications along with any important data you need to help you keep the anilox roller ready for its next run. Available to fit narrow web anilox rollers 7" to 22"



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