

OUR PRODUCTS

All engraved cylinders, sleeves, and plates are CTP



Precision Ground ITR Engraved and Non Engraved

- Standard Sleeves
- Load-N-Lok Sleeves
- Cylinders
- Plates
- Embossing
- Hot Stamp
- Coating/Flood Coat Cylinders and Sleeves
- Pressure Cylinders
- Back up Cylinders
- Ink Pick up and Transfer Cylinders

Elastomer Blends

- In-house roll building
- 31 standard materials in inventory for ink compatibility
- Special order materials available
- Durometer range from 35 Shore A to 75 Shore D (+/- 5 points)
- Plates: 3 blends offered in 0.067" and 0.107" thickness
1 blend offered in 0.155" and 0.250" thickness

Laser

- Digital Direct Ablation
- Exact step and repeat
- Depths up to 0.250"
- Minimum standard line weight of 0.001"
- Text point size as small as 0.75 for a basic non-serif font
- Screens for gradients, vignettes and 4-color process up to 175 line
- Embossing 2D and 3D
- Variety of engraving profiles available

All engraved cylinders must be balanced to Quality Grade 2.5 at 2500 RPM prior to processing.

If you have any questions regarding these requirements, please contact your representative

Cylinder/Sleeve Limitations

Minimum - Maximum Overall Length Ranges

- Luminite Processed Cylinders: 1.000" - 124.500" (112.000" max face length)
- Customer Covered (Engraving Ready) Cylinders: 1.000" - 145.000" (128.000" max engraving width)
- If Luminite grinding is required, maximum length is 124.500"

Minimum - Maximum Diameter Ranges

- Standard Engraving: 1.900" - 19.685" (6.000" - 61.842" repeat)
- Non Engraved: 0.000" - 24.800" (0.000" - 77.911" repeat)
- Finish diameter standard tolerance +.002"/-.000"
- Standard TIR 0.0005"

Maximum Weight

- Engraved Cylinders: 1,600 lbs
- Non-Engraved Cylinders: 2,500 lbs



LUMINITE®

148 Commerce Drive • Bradford, PA 16701-4736
Toll Free: 1.888.545.2270
Email: sales@luminite.com

Updated: March 20, 2014

 www.luminite.com

 www.facebook.com/luminiteProductsCorp

 <http://www.linkedin.com/company/luminite-products-corporation>