

LENTICULAR CYLINDER ENGRAVING COMPARISON CHART



Jacobsen Lenticular Tool
& Cylinder Engraving Technologies Co.

Available Lenticular Extruding Cylinders (Specifications for Printing Industry only):	Competitor's Traditional Industry Standard: Gravure Copper & Chrome Plated Cylinder	JacoTech Traditional Technology: Copper & Chrome Plated Cylinder	JacoTech Traditional Upgraded Technology: Copper & Electroless Nickel Plated Cylinder	JacoTech's 2010 Technology: Super Duty Performance Cylinder
PRODUCT OPTIONS				
LentiClear (Patented) True Elliptical Optical Lens Designed to Resin	NO	YES (Optional)	YES (Optional)	YES (Optional)
Optical Lenticular Lens Imaging Quality	GOOD	GOOD/BETTER	BETTER	BEST
(Patented) Elliptical Single Point Diamond Engraving Tool Used	NO	YES	YES	YES
Multiple Ganged Radius Engraving Tools Used	YES	NO	NO	NO
Single Point Precision CNC Diamond Turning	NO	YES	YES	YES
Cylinder Engraving "Pitch" Repeatability Roll to Roll	NO	YES	YES	YES
JacoTech Single-Ply Direct Engravable Optical Grade Plating	NO	NO	NO	YES. Special proprietary optical plating.
Copper Bottom Base Traditional Plating	YES	YES	YES	NO
Chrome Flash Traditional Post Top Plate	YES	YES	NO	NO
Electroless Nickel Flash Post Top Plate (Upgraded)	NO	NO	YES	NO
Plating Metallurgy Good For Extruding All Resins	FAIR	FAIR	BETTER	BEST
Plating Metal Core Hardness (Rockwell C)	FAIR (C-20)	FAIR (C-20)	FAIR (C-20)	BEST (C-64)
Plating Stain Resistant	FAIR	FAIR	GOOD	BEST
Cylinder Production Life	FAIR	FAIR	GOOD	BEST
Estimated Extruded Lenticular Pounds (LBS) Per Cylinder Engraving*	UNKNOWN	CALL FOR INFO	CALL FOR INFO	CALL FOR INFO
Base Starting Price For Standard Size Cylinders in USD* (FOB JacoTech)	UNKNOWN	CALL FOR INFO	CALL FOR INFO	CALL FOR INFO
Estimated Cylinder Cost Per Extruded Pound (LB.)*	UNKNOWN	CALL FOR INFO	CALL FOR INFO	CALL FOR INFO
Warranties	UNKNOWN	LIMITED**	LIMITED**	CALL FOR INFO

Special JacoTech® Services and Products:

Ask for pricing and details:

Cylinder Engraving:

- Jumbo size and extra heavy weight lenticular cylinders
- Dual lenticular engraved extruding cylinder systems
- Custom lens shapes and patterns

Optical Lens Designs:

- Custom imaging and non-imaging optical lens designs
- Custom lens shapes and patterns for security management systems (complete confidentiality)

US: 8-27-09

* All cylinder extrusion output rates and cylinder costs are estimates only. Prices are based on green-base cylinder being in perfect concentric and mechanical condition, and supplied by customer.

** Limited warranties apply. Additional information is available upon request.

Note: Specifications, prices, terms and conditions subject to change at any time.

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