

Ultra-thin Dielectric Optical Filters Manufactured Like Optical Fibers

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CEO EVERIX

Company Overview



- Established in 2015
- Developed and commercialized a new class of optical filters
- **34 global patents**
- >20 Employees
- In growth phase to scale manufacturing
- Headquartered in Orlando, FL (USA)
- **NEW:** Distribution Partnerships with LASER COMPONENTS in Europe for OEM development

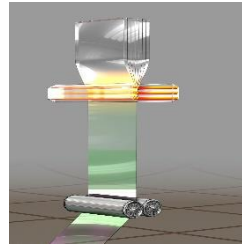


Technology / Product

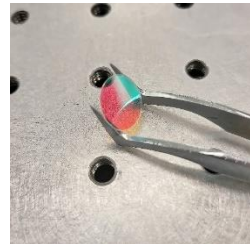
Vacuum Coating vs. Thermal Drawing



More
Economically
Scalable.



20X More
Compact.
Rigid or Flexible.



Current Products



- Acrylic/PMMA-Based Materials
- Storage Temperature $< 80\text{ }^{\circ}\text{C}$
- Wavelength range (material transparency): 370-1,700 nm
- Thermal Drift: $\sim 0.1\text{ nm}/^{\circ}\text{C}$ (thermally tunable)

Thin-Film Single- and Multi-Notch Filters

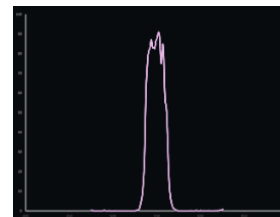
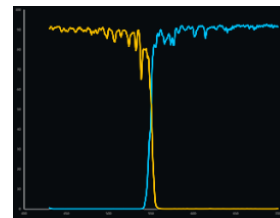
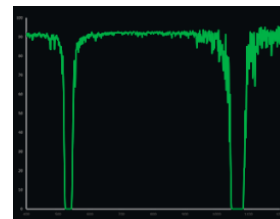
- Typical 5-8% FWHM of CWL
- OD6+ blocking

Thin-Film Long Pass/Short Pass Filters

- Up to OD4 blocking

Thin-Film Band Pass Filters

- FWHM: 5-100 nm
- Up to OD3 blocking



*All curves without AR coating

Technical Differentiation



Angular Shift Compensation

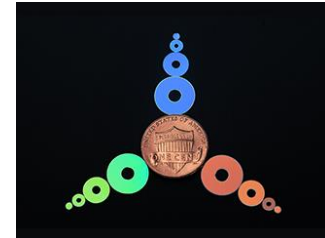
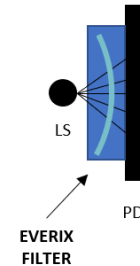
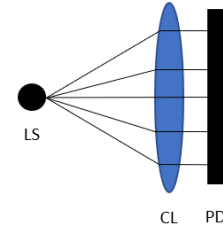
- Improved Signal to Noise Ratio
- Reduced Size

Stress-Free Ultra-Thin

- Thinnest Filter Technology
- Complex Geometries

Flexible or Rigid

- A New Design Degree of Freedom
- Conformal/Unbreakable



Markets and Applications



Medical

- Wearable and Swallowable Sensors
- Endoscope Probes

Consumer Electronics

- Wearables
- Smartphones
- AR/VR

Automotive

- LiDAR
- Head-Up Display

Industrial/Commercial

- Broad Range of Sensor Applications



Your Contact



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challenging demands and
apparently **impossible inquiries!**"

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Thank you for your attention!