

# NEWS RELEASE

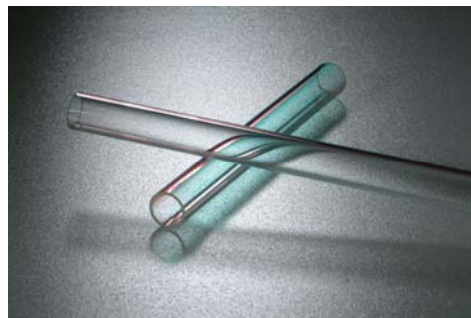
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For Immediate Release

## **DSI Develops New Technology: Optical Filter Coatings on Tubes**

**January 11, 2008 – Santa Rosa, CA – Deposition Sciences, Inc. (DSI)**, manufacturer of highly durable thin film optical coatings, announces the new **Filter Coatings on Tubes**, an innovation in coating technology. The newest capability is developed with special tooling and processes that permit coating the outside of tubes with durable and precision optical filters. DSI has successfully coated precision filters from the near ultraviolet to the infrared regions of the spectrum. Current capabilities allow DSI to coat tubes up to 45 cm in length and up to 7 cm nominal outside diameter.



Designed to withstand extreme heat, temperature fluctuations, high humidity and still offer long service life and unmatched stability, DSI's new filter coatings on tubes are rugged and reliable. Coated tubes are employed to trim the spectral output of light sources in applications such as sunlight simulation (both space-based and terrestrial), heat control, night vision compatibility, and narrow band wavelength rejection filters for process monitoring.

DSI's proprietary **MicroDyn®** sputtering technology yields high performance, highly durable coatings. This advanced technology uniform coating is extremely stable over temperature and humidity changes, meeting the severe abrasion, adhesion, humidity, and salt fog tests of Mil-C-675 standards.

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**Deposition Sciences, Inc. (DSI) – Santa Rosa, CA – [www.depisci.com](http://www.depisci.com)** - For over 20 years, Deposition Sciences has produced the most durable optical thin film filter coatings in the industry. DSI's coating capability ranges from the ultraviolet (UV), through the visible and includes near-infrared (NIR), midwave-infrared (MWIR) and out to the longwave-infrared (LWIR). At the heart of

these capabilities is DSI's patented MicroDyn reactive sputtering technology enabling superior multilayer thin film coatings for optics, MEMS and other thin film technologies.