



## **D-Space Black article to appear in *FINISHING INDUSTRY NEWS***

**Title:** *Technology Improvements*

**Lead-In:** Optical system engineers and those in the field of science instrumentation have a new technology that is giving them reasons to rejoice. Read on to learn more.

### **Copy:**

Optically black surfaces are ideal in cases where light is a hindrance, not helpful. The impact and need for black surfaces affects technology and the way we work. If you work in the medical or science professions, the impacts of black surfaces can be critical.

Scientists using telescopes know the importance of black surfaces. If stray light gets into the telescope because there is not an effective black surface, then the area of focus, such as a star, suddenly struggles for attention with the stray light within the telescope. A poor black surface complicates the focus and can impact outcomes.

Applying the correct absorptive surface treatment to the telescope can reduce the amount of stray light. Deep Space Black (DSB) is a powerful new black treatment that provides control over the surface.

### **New Technology**

When it is important to have the strictest control possible over light properties, the surface technology used to control the amount of light is critical. DSB is an absorptive surface treatment for laser, optical, and science instrumentation applications. Its primary job is to absorb unwanted light.

Optically black surfaces are ideal for controlling stray light and unlike other solutions, which only regulate the flow of light. DSB lessens the amount of stray and uncontrolled light in the surface.

DSB provides a way to meet most optically black surface, without harming productivity or mechanical performance. DSB also allows for high emissivity, as well as low reflectance.

To learn more about Deep Space Black, contact

***N-Science Corp***

***N-Sci/AST Optical Surfaces Group***

**[www.nscicorp.com](http://www.nscicorp.com)**

***303-718-9502***

