

Media Release

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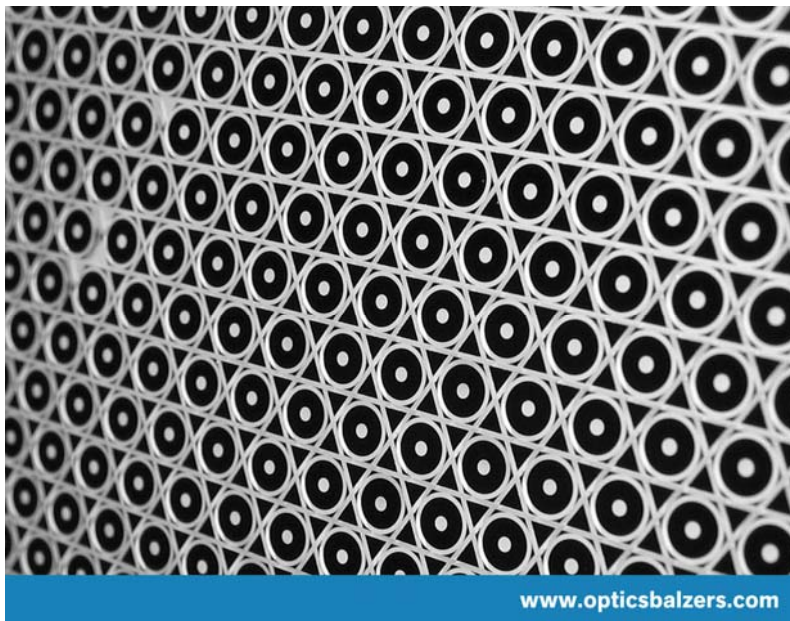
CrBlack™ – black chromium coating

Balzers, June 9, 2010 – With its new CrBlack™ coating, Optics Balzers offers a solution for reducing light scattering. Optics Balzers has succeeded in utilizing the black chromium properties, to date applied predominantly in solar collectors and sunglasses, and adapting them to additional uses in medical devices and industry.

The CrBlack™ black chromium coating is an optically black coating distinguished by its high absorption capacity and its minimized reflection in the VIS range. Its color hue can be tailored to customers' specific requirements, for example to produce a black chromium part with a blue component. Thanks to its high reduction of scattered light and an ROHS-conform coating, CrBlack™ is excellently suited to applications in lens systems of medical devices.

The high adhesion of the coating on glass and metal in conjunction with its high application temperature of up to 250°C allow uses in a wide variety of fields. The CoatingPlus capabilities of Optics Balzers also enable CrBlack™ to be patterned for demanding applications.

The CrBlack™ black chromium of Optics Balzers is characterized by its high environmental stability and durability. The whole-surface or patterned coating can be easily cleaned following additional process steps.



Caption: Patterned and pre-cut CrBlack™ coating produced by Optics Balzers

For over 60 years now, Optics Balzers has been the preferred partner for innovative optical solutions. Together with its affiliated company in Jena, Optics Balzers is one of the global leaders in the supply of optical coatings and components. The Liechtenstein-based high-tech company focuses on selected markets such as Sensors & Imaging, Biophotonics, Space & Defence, Lighting & Projection and Industrial Applications. The products and services that it offers range from optical thin-film coatings, glass processing, patterning and sealing technologies to optical subassemblies, and are acknowledged as being unique worldwide. Optics Balzers has some 170 employees.

For more information, please visit: www.opticsbalzers.com