



Upcoming Events

W3+Fair, Dornbirn, Austria – Sept 22-23, 2021

This convention brings together the key technologies of optics, photonics, electronics and mechanics at a trade fair for the second time. John Freiermuth, Chief Business Development Officer & Head of Customer Projects, will present the talk " Photonics enabled by COVID-19" at the conference "N-Tec Talks" during the W3+ fair. [Learn more.](#)



VISION, Stuttgart, Germany – Oct 5-7, 2021

Experience the latest products, technologies and trend themes of machine vision such as embedded vision, hyperspectral imaging and deep learning! Come visit our new Materion Balzers Optics booth and discover the unique solutions and the wide variety of applications that optical components allow. [Learn more.](#)



BIOS/Photonics West – January 22-27, 2022

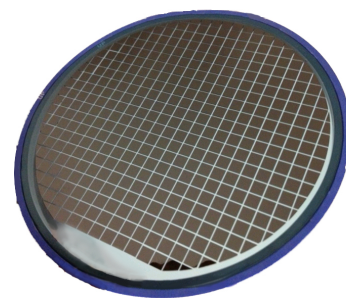
Find the best solutions, components, instruments, and system providers from around the world. Meet top suppliers, gain industry insights, and discover new possibilities. [Learn more.](#)



We are the go-to optics company shaping the century of the photon

Product Spotlight Diamond Like-Coatings

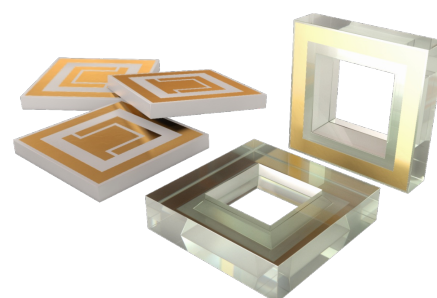
Diamond-like carbon coating is a class of amorphous carbon material that displays some of the typical properties of diamond. The coatings have unique properties such as low friction, high hardness, high corrosion resistance and good transmission in the infrared. Learn more about our [DLC Coatings.](#)



EPIC CupLids Product Launch August 31, 16:00 CEST

EPIC New Product Release

Join EPIC (European Photonics Industry Consortium) live stream product launch which will include Materion's Reto Keller, Business Development Manager at Balzers Optics who will talk about our CupLids – Fine Leak Hermetic Packages for Optoelectronics. [Sign up today](#)



James Webb Space Telescope Beryllium, an Element of Success



Beryllium, an Element of Success for the James Webb Space Telescope

Episode 4 | July 2021



Keith Smith
Vice President, Nuclear Science



Martyn Acreman
Defense Market Director

For the last thirty years, scientists and space nerds alike have been wowed by the beautiful and mysterious images the Hubble Telescope has been beaming back to us from its vantage point 340 miles above Earth. But in approximately 100 days, NASA will launch Hubble's successor, the James Webb Space Telescope. In this episode we talk with two Materion team members who have been deeply involved in the process of providing NASA with the beryllium parts Materion supplied to this historic mission.

And stay tuned next month to hear more Materion team members about their contributions from Materion Balzers Optics business unit.

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Sales and Business Development News

Optical Solutions for Semiconductors

Inspecting and creating the smallest features on microchips requires optical components of the highest quality. Our design and manufacturing teams utilize the latest technology to create optical filters, mirrors and coatings that meet the performance demands of today and tomorrow. Check out our [Wafer Inspection](#) capabilities which help semiconductor manufacturers to increase and then maintain integrated circuit chip yields.



The Dragonfly visually represents our Semiconductor market: Did you know it is able to detect a broader wavelength range than humans can? A dragonfly's eyes contain up to 30,000 facets that can even detect the polarization state of light.

