



AR-plas2<sup>®</sup> broadband antireflective coatings

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# AR-plas2® broadband antireflective coatings

**AR-plas2®** technology developed at Fraunhofer IOF in Jena offers low reflectivity from the UV to the near IR. An exactly tuned effective refractive index down to 1.1 on the outermost surface can guarantee an excellent optical performance at oblique light incidence. The coatings are resistant to humidity and heat.

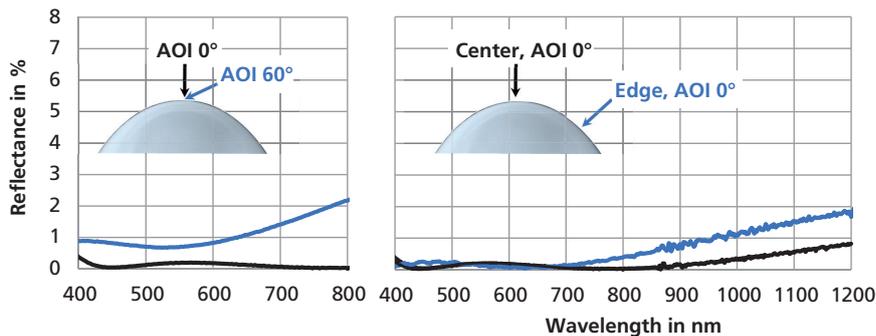
The patented process works on polymers and glass lenses as well as on microoptical parts,

windows and displays. The technology is well suited for economic large-scale production.

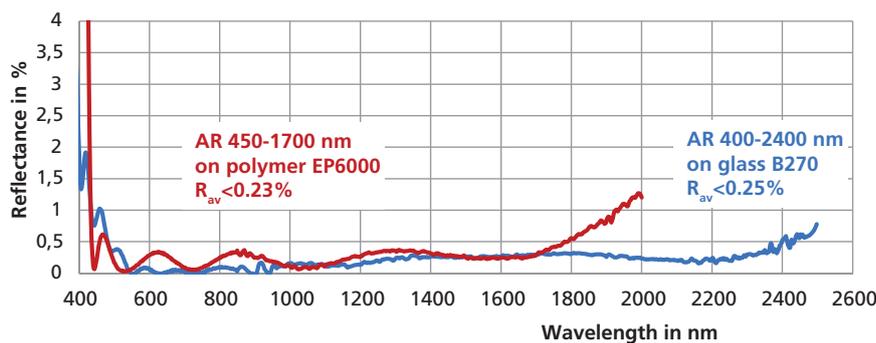
### Our offer:

- Optimization of design and process for your application
- Sample coating and small specialized production
- Transfer and licensing

### Broadband AR-VIS for plastic camera lenses

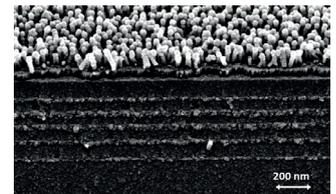


### Hyperspectral AR on glass and polymers



Cover: SEM image of a plastic optic coated with AR-plas2®.

Top: The advanced plasma source APS is used to support vapor deposition on polymers.



SEM image of a coating system with a silica nanostructure as top layer.

### Contact

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