

10mm Dia. x 10mm EFL Arton Plastic Asphere



Stock #90-206 **5 In Stock**

£40^{.80}

ADD TO CART

Volume Pricing	
Qty 1-10	£40.80 each
Qty 11-49	£34.40 each
Need More?	Request Quote

Product Downloads
EO Spec Sheet

! Prices shown are exclusive of VAT/local taxes

General

Type: Aspheric Lens

Physical & Mechanical Properties

Diameter (mm): 10.00	Clear Aperture CA (mm): 8.00
Edge Thickness ET (mm): 3.1	Bevel: Protective as needed
Flange Distance (mm): 8.28	

Optical Properties

Effective Focal Length EFL (mm): 10.00 ±0.2	Numerical Aperture NA: 0.40
Back Focal Length BFL (mm): 8.28	Substrate: Arton Plastic
Coating: Uncoated	f/#: 1.25
Wavelength Range (nm): 400 - 1100	Conjugate Distance: Infinite

Regulatory Compliance

Certificate of Conformance: [View](#)

Product Details

- Superior Durability for Harsh Environments
- High Heat Resistance

- Low Water Absorbency

Arton® Plastic Aspheric Lenses are ideal alternatives to PMMA or polycarbonate plastic aspheric lenses for weight sensitive, harsh environment applications. Typical plastic substrates degrade in performance in hot or humid environments. Arton®, a polyolefin thermoplastic plastic substrate, maintains plastic's high translucency and low birefringence, while featuring increased heat resistance and decreased water absorbency.

Technical Information

Frequently Purchased Together



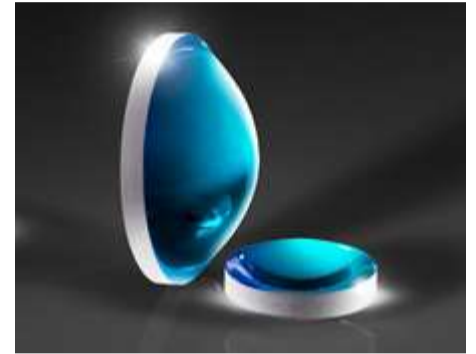
#32-745 - 4.0mm Diameter, N-BK7 Ball Lens
£30.60



#32-746 - 6.0mm Diameter, N-BK7 Ball Lens
£38.00



#32-982 - 50mm Dia. x 150mm FL Uncoated, Double-Convex Lens
£43.60



#34-455 - 6.3mm Dia. x 9mm FL, Uncoated Molded Aspheric Condenser Lens
£28.40

Compatible Mounts

	Title	Type	Compare	Stock Number	Price	Buy
	10.0mm Optic Dia., Optic Mount	Fixed		#64-554	£26.20 Request Quote	20+ In Stock <input type="text" value="1"/>
	10mm Diameter, S-Mount Thick Optic Mount	Fixed		#63-951	£32.60 Request Quote	20+ In Stock <input type="text" value="1"/>
	25mm Cage 10mm Diameter Lens Mount	Fixed		#85-551	£36.60 Request Quote	4 In Stock <input type="text" value="1"/>
	10mm Diameter, C-Mount Thick Optic Mount	Fixed		#63-980	£45.20 Request Quote	20+ In Stock <input type="text" value="1"/>

Check out our full selection of mounts [here](#).

Resources

Media Type

- Application Note
- Scientific Paper

APPLICATION NOTE

Anti-Reflection (AR) Coatings

APPLICATION NOTE

An Introduction to Optical Coatings

CASE STUDIES

Laser Optics for Eye Surgery

- Trending in Optics
- Video
- Published Article
- FAQ
- Glossary



APPLICATION NOTE

Lens Geometry Performance Comparison

APPLICATION NOTE

All About Aspheric Lenses

WEBINARS

Design Considerations for Custom Aspheres

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