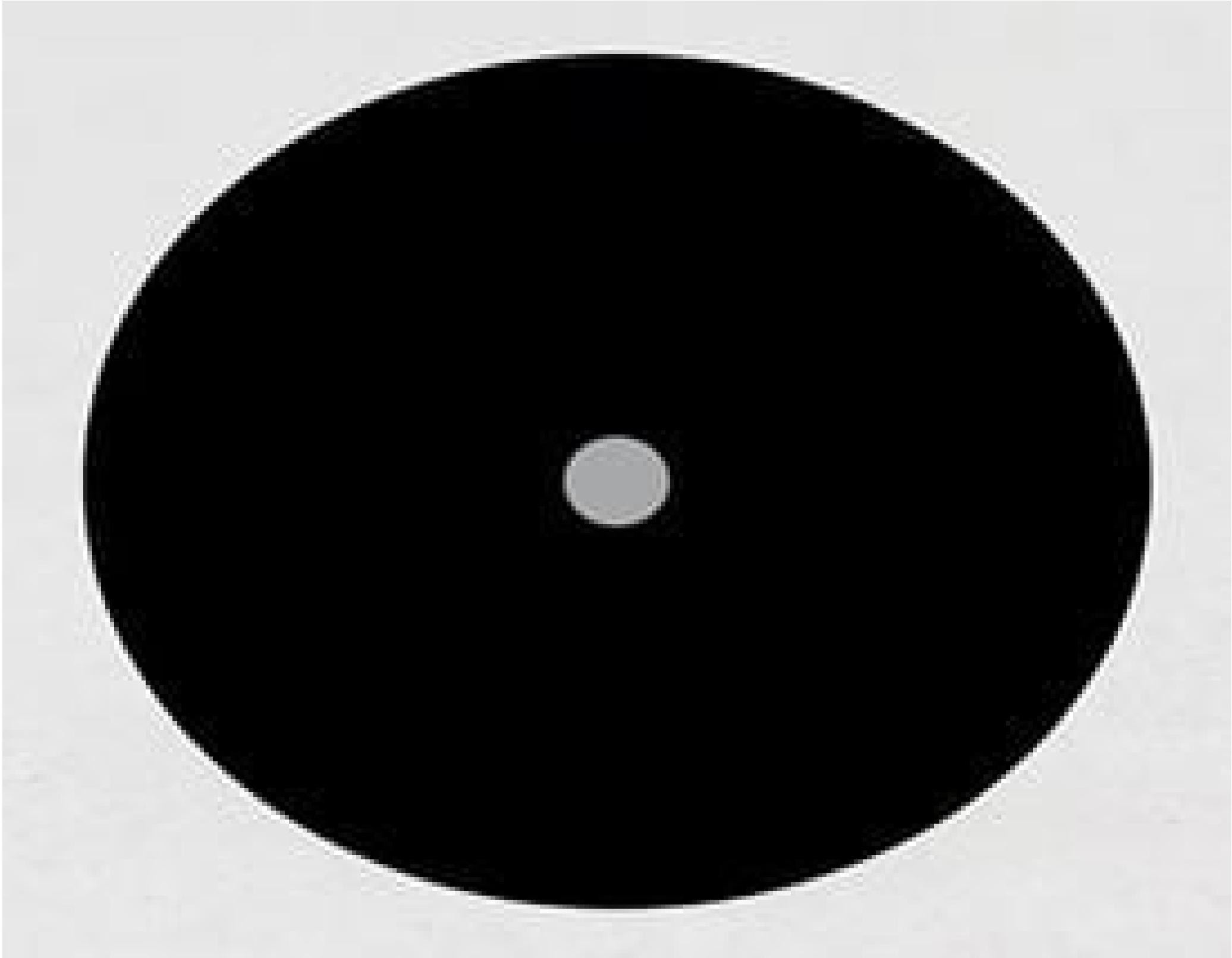


# 1000μm Aperture Diameter, Unmounted, Acktar Blackened Pinhole

See More by [Acktar](#)



Acktar Blackened Pinholes (unmounted)



Stock **#12-170** **5 In Stock**

-

1

+

C\$246<sup>75</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-9        | C\$246.75 each                |
| Qty 10+        | C\$222.08 each                |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

## SPECIFICATIONS

General

Type:

Unmounted

|                                  |                               |
|----------------------------------|-------------------------------|
| PA-1-2-1000                      | Model Number:                 |
| Physical & Mechanical Properties |                               |
| 9.53 ±0.1                        | Outer Diameter (mm):          |
| Stainless Steel                  | Construction:                 |
| 1000 ±10                         | Fixed Aperture Diameter (μm): |
| 17 nominal                       | Thickness (μm):               |
| Optical Properties               |                               |
| Magic Black™                     | Coating:                      |
| Material Properties              |                               |
| 99                               | Absorbance (%):               |
| Regulatory Compliance            |                               |
| Compliant                        | RoHS 2015:                    |
| View                             | Certificate of Conformance:   |
| Compliant                        | Reach 247:                    |

## PRODUCT DETAILS

- Low Reflectance from the EUV to SWIR
- 99% Absorbance Blackening Coating
- Aperture Sizes from 20 to 1000μm
- Available Unmounted and Mounted

Acktar Blackened Pinholes feature Acktar Magic Black™ blackening coating that provides wide-band low reflectance from the extreme ultraviolet (EUV) to the short-wave infrared (SWIR). This coating provides near zero outgassing and can be used in temperatures up to 380°C. Acktar Blackened Pinholes are coated on both sides, including the pinhole edge, and are available either unmounted or mounted in a 25mm mount for easy integration into optical systems. These stainless steel substrate pinholes are ideal for spatial filtering applications requiring low back reflection and scattering from light sources.

Note: Please [contact us](#) for custom aperture options.

## CUSTOM

Edmund Optics offers comprehensive custom manufacturing services for optical and imaging components tailored to your specific application requirements. Whether in the prototyping phase or preparing for full-scale production, we provide flexible solutions to meet your needs. Our experienced engineers are here to assist—from concept to completion.

Our capabilities include:

- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).