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25mm Dia. Hexa-Black™ Panel

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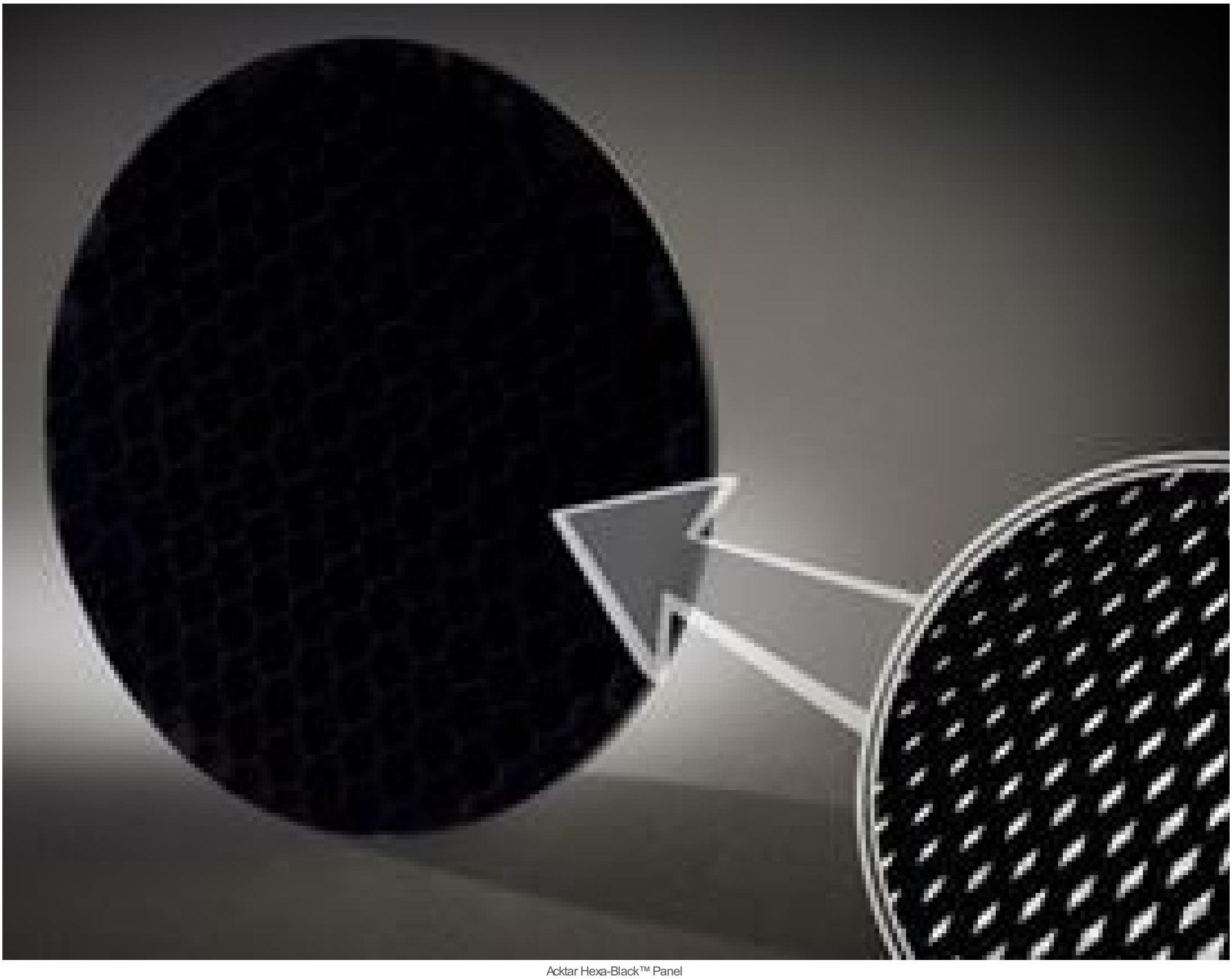

Acktar Hexa-Black™ Panel

Stock **#37-830** **5 In Stock**

- 1 + **C$291**.20

ADD TO CART

Volume Pricing	
Qty 1+	**C$291.20** each
Need More?	Request Quote

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General

Model Number:
HBP-25-3

Note:
Ships with a low outgassing adhesive sticker that can be applied to the back surface

Physical & Mechanical Properties

Diameter (mm):	25.00
Construction:	Hexa-Black™ Panel
Adhesive Thickness (µm):	60
Thickness (mm):	3.00

Optical Properties

Coating:	Vacuum Black™
Wavelength Range (µm):	0.3 - 5
Absorbance (AOI > 60) (%):	99.995

Material Properties

Absorbance (%):	99.9

Environmental & Durability Factors

Operating Temperature (°C):	-50 to 150
Abrasion Resistance:	High
Humidity Resistance:	MIL-C-48497A

Regulatory Compliance

RoHS 2015:	Compliant
Certificate of Conformance:	View
Reach 247:	Compliant

Need different specs or modifications?

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.

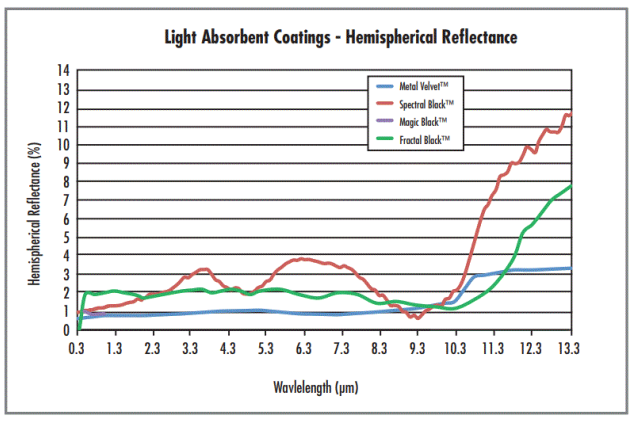
Product Details

- Mountable Acktar Spectral Black™, Metal Velvet™, and Hexa-Black™ Technologies
- High Performance from UV to MWIR and UV to LWIR
- Low Hemispherical Reflectance

Acktar Light Absorbent Panels are the optimum solution for absorbent black out materials. Light Absorbing Panels are easily integrated into an optical system using either an optical mount compatible with 25mm optics or the included adhesive sticker. With specular absorbance up to 99.9%, Spectral Black™ and Metal Velvet™ panels offer superior light absorption performance. The Hexa-Black™ versions feature wide-band absorption at grazing angles out to 88˚. Acktar Light Absorbent Panels are typically used as black out materials and are ideal for Raman Spectroscopy, Endoscopy, Laser Beam Dumps, and many other applications.

Note: Larger sizes and custom options are available upon request by contacting technical support. All panels have no adhesive pre-applied to the back surface. Each panel ships with an optional adhesive sticker that can be applied to the back surface of the panel.

Technical Information



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