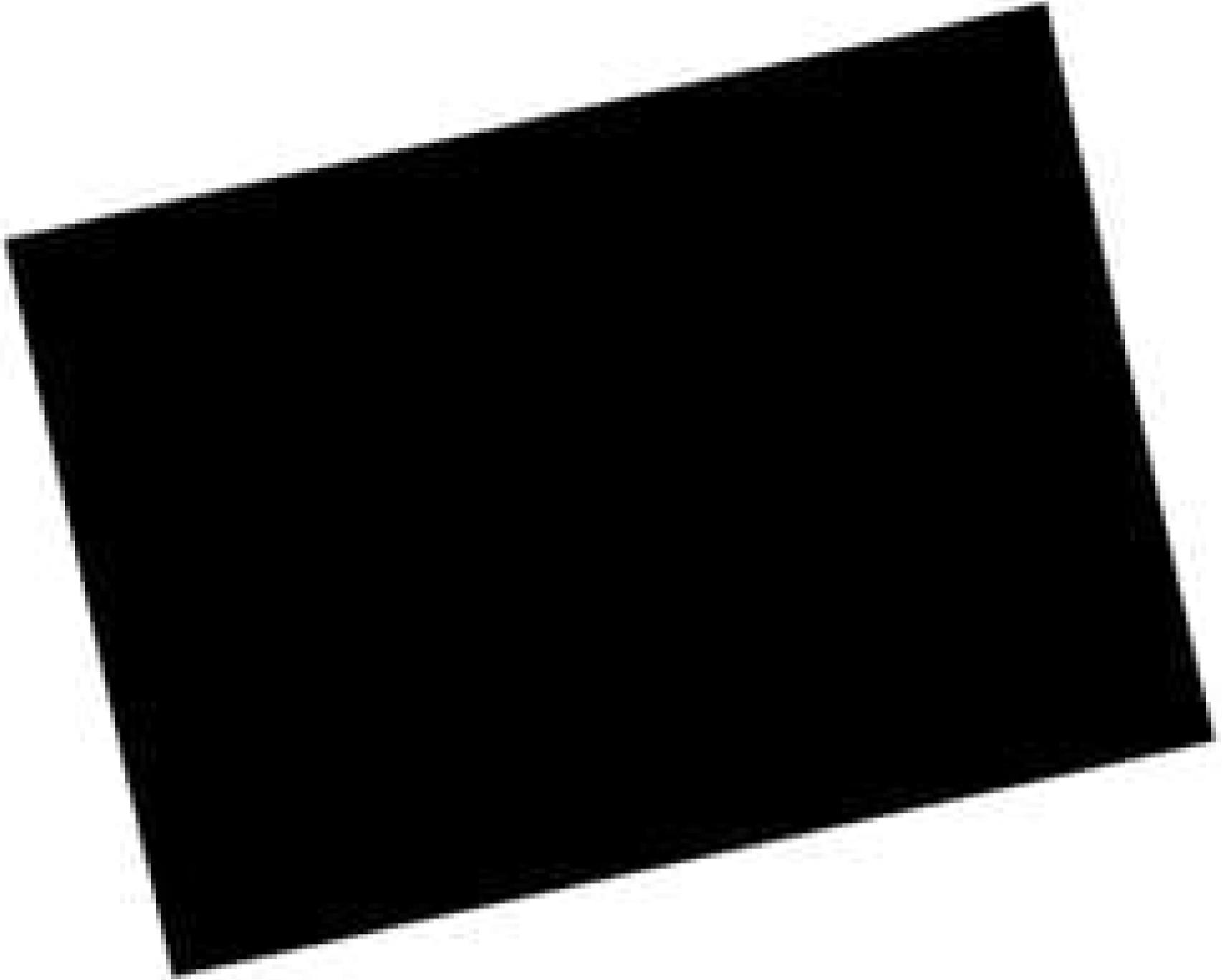


[See all 6 Products in Family](#)

200 x 5000mm Sheet of Fractal Black Foil, Standard Adhesive

See More by [Acktar](#)



Stock #75-438 NEW [CONTACT US](#)

⊖ 1 ⊕ €4.450⁰⁰

[ADD TO CART](#)

Volume Pricing

Qty 1+	€4.450,00 each
Need More?	Request Quote

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

General

FBC-26X500-1 **Model Number:**

Standard Adhesive **Type:**

Physical & Mechanical Properties

200 x 5000 **Dimensions (mm):**

Foil Thickness (µm):

100

Adhesive Thickness (µm):

60

Thickness (mm):

4.00

Optical Properties

Coating:

Fractal Black™

Substrate:

Copper

Coating Thickness (µm):

<5

Wavelength Range (µm):

VIS - FIR

Environmental & Durability Factors

Operating Temperature (°C):

-50 to +150

Abrasion Resistance:

Moderate

Humidity Resistance:

ML-C-48497A

Regulatory Compliance

Certificate of Conformance:

[View](#)

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

- Copper Foil Increases Thermal and Electrical Conductivity
- Consistent Performance in High Temperature Environments
- Standard, Low Outgassing, and No Adhesive Options Available

Acktar Fractal Black on Copper Foils provide thermal management and light absorption for applications where direct coating is not feasible. The addition of copper foil enhances the thermal and electrical conductivity of Fractal Black, making it ideal for applications in laser devices and platforms, passive and thermal control, IR systems, space, and vacuum. The foil is designed to be flexible, lightweight, and easily cut to size for simple application and installation on a variety of surfaces. Acktar Fractal Black on Copper Foils is available in standard, low outgassing, and no adhesive options.