

[See all 6 Products in Family](#)

## 200 x 5000mm Sheet of Diffuse Mirror Foil, Low Outgassing Adhesive



Stock #75-457 **NEW** [CONTACT US](#)

- 1 + A\$7,384.<sup>00</sup>

**ADD TO CART**

### Volume Pricing

Qty 1+	A\$7,384.00 each
Need More?	<a href="#">Request Quote</a>

### Product Downloads

#### General

Model Number:  
DM-26X500-2

Type:  
Low Outgassing Adhesive

#### Physical & Mechanical Properties

Dimensions (mm):  
200 x 5000

Foil Thickness (µm):  
100

Adhesive Thickness (µm):

## Optical Properties

ACKTAR DIFFUSIVE MIRROR

Coating:

Stainless Steel

Substrate:

<5

Coating Thickness ( $\mu\text{m}$ ):

0.4 - 19

Wavelength Range ( $\mu\text{m}$ ):

## Environmental & Durability Factors

-50 to +150

Operating Temperature ( $^{\circ}\text{C}$ ):

Moderate

Abrasion Resistance:

## Regulatory Compliance

[View](#)

Certificate of Conformance:

## 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

- Highly Lambertian Reflectance
- 90% Average Total Hemispherical Reflectance Between 0.4 to 17 $\mu\text{m}$
- Standard, Low Outgassing, and No Adhesive Options Available

Acktar Diffusive Mirror Foils features an average Total Hemispherical Reflection exceeding 90% from 0.4 to 17 $\mu\text{m}$  wavelengths. These foils are available in 20 x 26cm or 20 x 500cm sheets, with either standard, low outgassing, or no adhesive options. Engineered to be flexible and lightweight, these foils maintain consistent performance over a wide range of temperature and humidity levels. Acktar Diffusive Mirror Foils feature a nearly ideal Lambertian, diffuse reflectance across a broad spectral range, with a flat response in the VIS, NIR, and IR spectra. These foils are 100% inorganic and are PFAS substance free, making them ideal for laboratory, clean room, vacuum, and space applications.

**Note:** Please contact us for more information on other forms, such as rolls, tapes, or die-cuts.