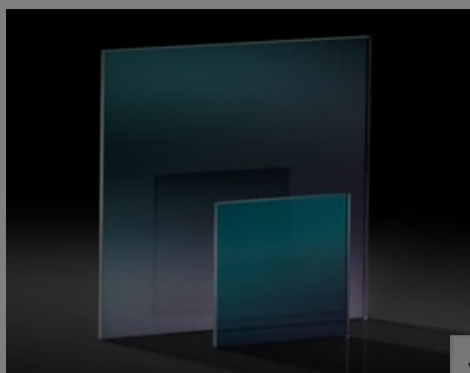


[All Products](#) / [Test Targets](#) / [Resolutions](#)

[See all 45 Products in Family](#)

1" x 1" (40 lp/mm)



- 1 +

€287^{,95}

ADD TO CART

| Volume Pricing | |
|----------------|-------------------------------|
| Qty | €287,95 |
| 1+ | each |
| Need More? | Request Quote |

Prices shown are exclusive of VAT/local taxes

Select Your Country/Region: European Union

Submit

Product Downloads

- STEP:step
- PDF Drawing:pdf
- IGES:igs
- eDrawing:eprt
- EO Spec Sheet
- [Download All](#)

General

Type: Metric

Physical & Mechanical Properties

Dimensional Tolerance (inches): ±0.02

Dimensions (inches): 1 x 1

Thickness (mm): 1.50

Dimensional Tolerance (mm): ± 0.02

Line to Line Parallelism (arcsec): ≤2

Parallelism of Pattern to Substrate (°): ±1

Optical Properties

Coating: Vacuum Deposited Chrome, OD >3.0

Frequency (lp/mm): 40

Substrate: Float Glass

Optical Density OD (Average): 3.00

Surface Quality: 20-10

Surface Flatness (P-V): 1λ

Regulatory Compliance

RoHS 2015: **Compliant**

Certificate of Conformance: [View](#)

Reach 240: **Compliant**

Product Details

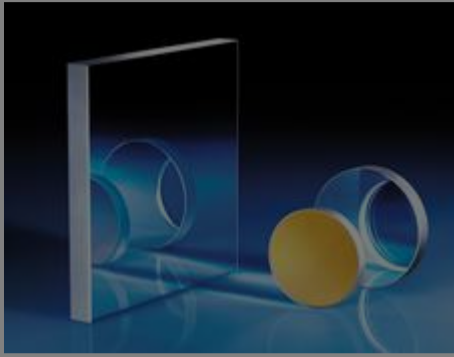
- Chrome on Glass
- High Tolerance
- Superior to Etched and Filled Rulings

- Lines Parallel to Edge
- English and Metric Versions Available

High Precision Ronchi Rulings are excellent for evaluating resolution, field distortion, and parfocal stability. The glass targets are coated with vacuum-deposited chrome and have a float glass substrate. English and Metric version are available with various Linepairs Per Inch (LPI) and Linepairs Per Millimeter (lp/mm) measurements. High Precision Ronchi Rulings are offered in 0.5", 1", 2", and 4" squares.

Please select your shipping country to view the most accurate inventory information, and to determine the correct Edmund Optics sales office for your order.

Select Your Country/Region:



#32-942 - 12.5mm Dia Enhanced Aluminum, 4-6λ Mirror
€28,50

Qty



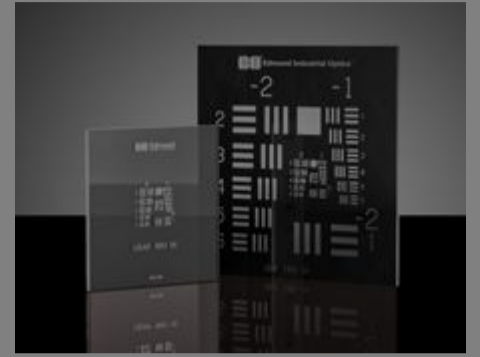
#34-473 - 25mm Dia. White Diffusing Glass
€36,00

Qty



#34-474 - 25 x 25mm White Diffusing Glass
€36,00

Qty



#38-257 - 2" x 2" Positive, USAF 1951 Resolution Target
€218,00

Qty

Resources

Media Type

- Video
- FAQ
- Application Note

▶ VIDEO

Wavelength and f#

? FAQ

What is a video micrometer?

? FAQ

What is the cycle length of a Metric Ronchi Ruling?

▶ VIDEO

Lens Types, Resolution, and Sensor Coverage

▶ VIDEO

Axial and Lateral Chromatic Aberration

▶ VIDEO

Best Practice #6 There Can Be Only One

[View More](#)