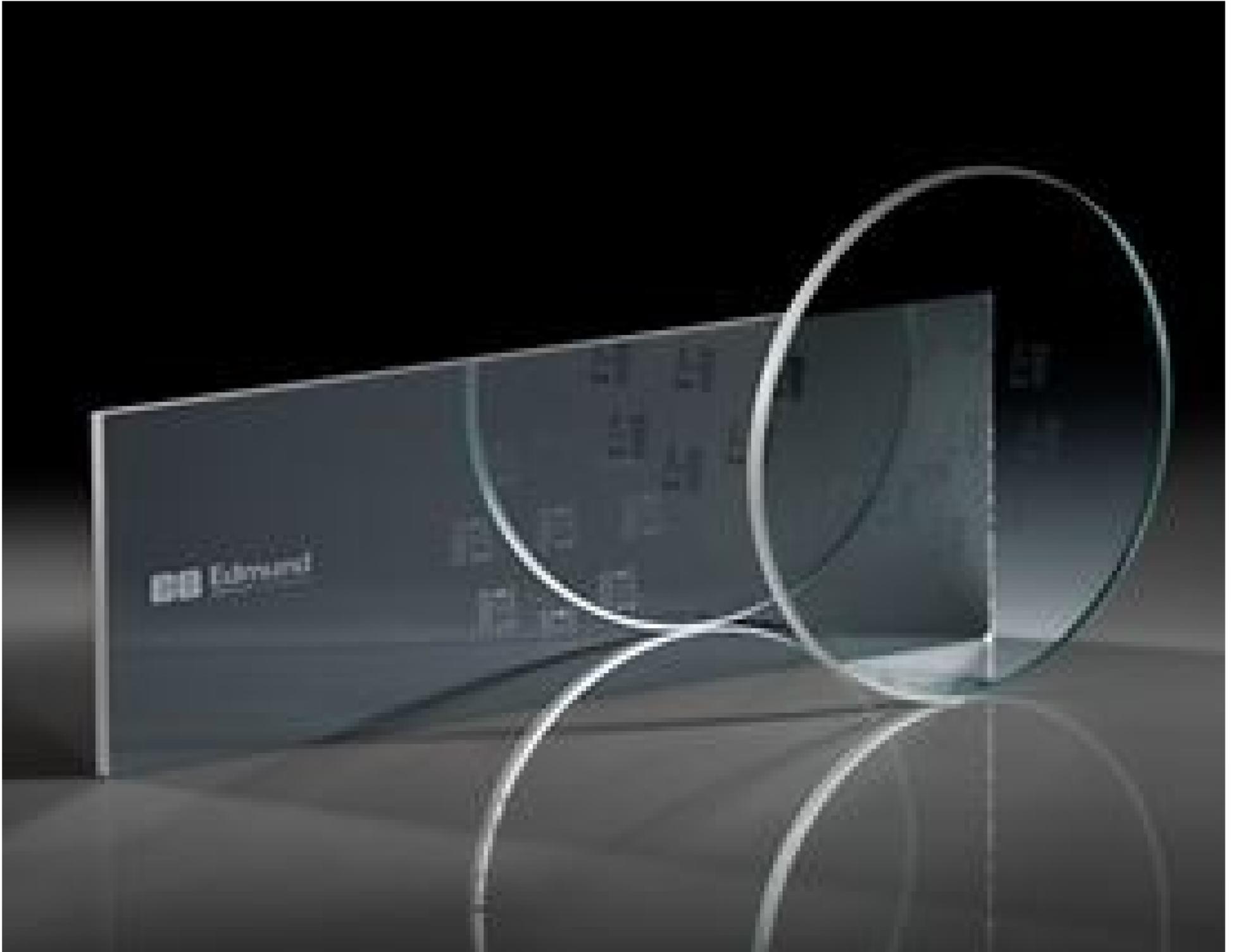
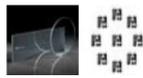


[See all 2 Products in Family](#)

# 1" x 3" Negative, USAF Wheel Target



USAF Pattern Wheel Targets



Stock **#59-204** **4 In Stock**

⊖ 1 ⊕ €386.<sup>00</sup>

**ADD TO CART**

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-4        | €386,00 each                  |
| Qty 5+         | €367,30 each                  |
| Need More?     | <a href="#">Request Quote</a> |

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

### Physical & Mechanical Properties

Thickness (mm):  
1.50

Parallelism (inches):  
<0.0005 per inch

Line Width Tolerance (mm):  
±0.0005

## Optical Properties

First Surface Reflective Chromium **Coating:**

Float Glass **Substrate:** □

Minimum: Group 2 Element 1  
Maximum: Group 7 Element 6 **Resolution:**

20-10 **Surface Quality:**

2λ **Surface Flatness (P-V):**

## Regulatory Compliance

[Compliant](#) **RoHS 2015:**

[View](#) **Certificate of Conformance:**

[Compliant](#) **Reach 240:**

## Product Details

- Tests Resolutions from 4 to 228 lp/mm
- Ability to tests Multiple Field Points using 9 Targets
- Reduces Testing Time

The USAF pattern wheel is an ideal target to measure resolution at different field points within an imaging system's field of view. The pattern is available on three different substrate sizes: 1" square, 1.5" diameter, or a 1" x 3" slide. Each size includes 8 USAF patterns in a circular pattern plus one pattern in the center. Each size is offered as positive (opaque pattern on clear background) or negative (clear pattern on opaque background).

## Technical Information

| Element | Group No. |       |       |      |       |       |
|---------|-----------|-------|-------|------|-------|-------|
|         | 2         | 3     | 4     | 5    | 6     | 7     |
| 1       | 4.00      | 8.00  | 16.00 | 32.0 | 64.0  | 128.0 |
| 2       | 4.49      | 8.98  | 17.95 | 36.0 | 71.8  | 144.0 |
| 3       | 5.04      | 10.10 | 20.16 | 40.3 | 80.6  | 161.0 |
| 4       | 5.66      | 11.30 | 22.62 | 45.3 | 90.5  | 181.0 |
| 5       | 6.35      | 12.70 | 25.39 | 50.8 | 102.0 | 203.0 |
| 6       | 7.13      | 14.30 | 28.50 | 57.0 | 114.0 | 228.0 |