

Clear Optical Path USAF Target 38mm Dia.



Stock **#58-402** **12 In Stock**

S\$1,575⁰⁰

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Volume Pricing

Qty 1-4	S\$1,575.00 each
Qty 5+	S\$1,497.02 each
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Product Downloads

Physical & Mechanical Properties

34.00 **Inner Diameter (mm):**

38.1 **Outer Diameter (mm):**

0.01 **Thickness (mm):**

Anodized Aluminum Mount **Construction:**

Housing Tolerance (mm):

±0.01

Optical Properties

Resolution:

Minimum: Group 0, Element 1
Maximum: Group 3, Element 6

Threading & Mounting

Mount Thickness (mm):

1.03

Regulatory Compliance

RoHS 2015:

[Compliant](#)

Certificate of Conformance:

[View](#)

Reach 240:

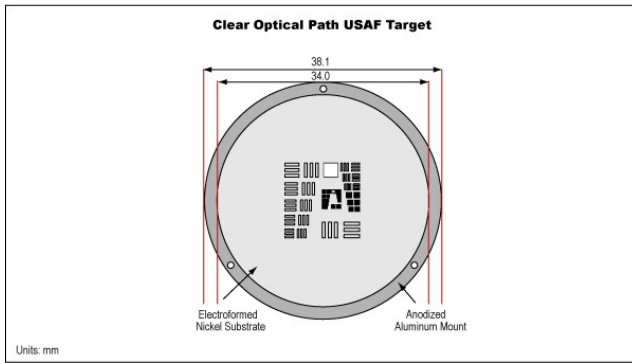
[Compliant](#)

Product Details

- Determine Resolution for X-Ray, UV, Thermal, and Far-IR Imaging Systems
- Easy Mounting
- Ideal for Transmittance Applications

Our Clear Optical Path USAF targets are manufactured from an extremely thin electroformed nickel substrate. Since there is no glass in the pattern area, light travels only through air, eliminating chromatic and absorption issues. The target pattern covers from Group 0, Element 1 to Group 3, Element 6. A user card is included to illustrate where each group and element is located. Our [UV Fused Silica & fluorescent USAF targets](#) are available for most NUV applications, but the Clear Optical Path Target can be used for very deep UV and far-IR applications. The electroform pattern is mounted between two circular plates, allowing it to be mounted in our standard optic mount, [#64-565](#).

Technical Information



Element	Group No.			
	0	1	2	3
1	1.00	2.00	4.00	8.00
2	1.12	2.24	4.49	8.98
3	1.26	2.52	5.04	10.10
4	1.41	2.83	5.66	11.30
5	1.59	3.17	6.35	12.70
6	1.78	3.56	7.13	14.30