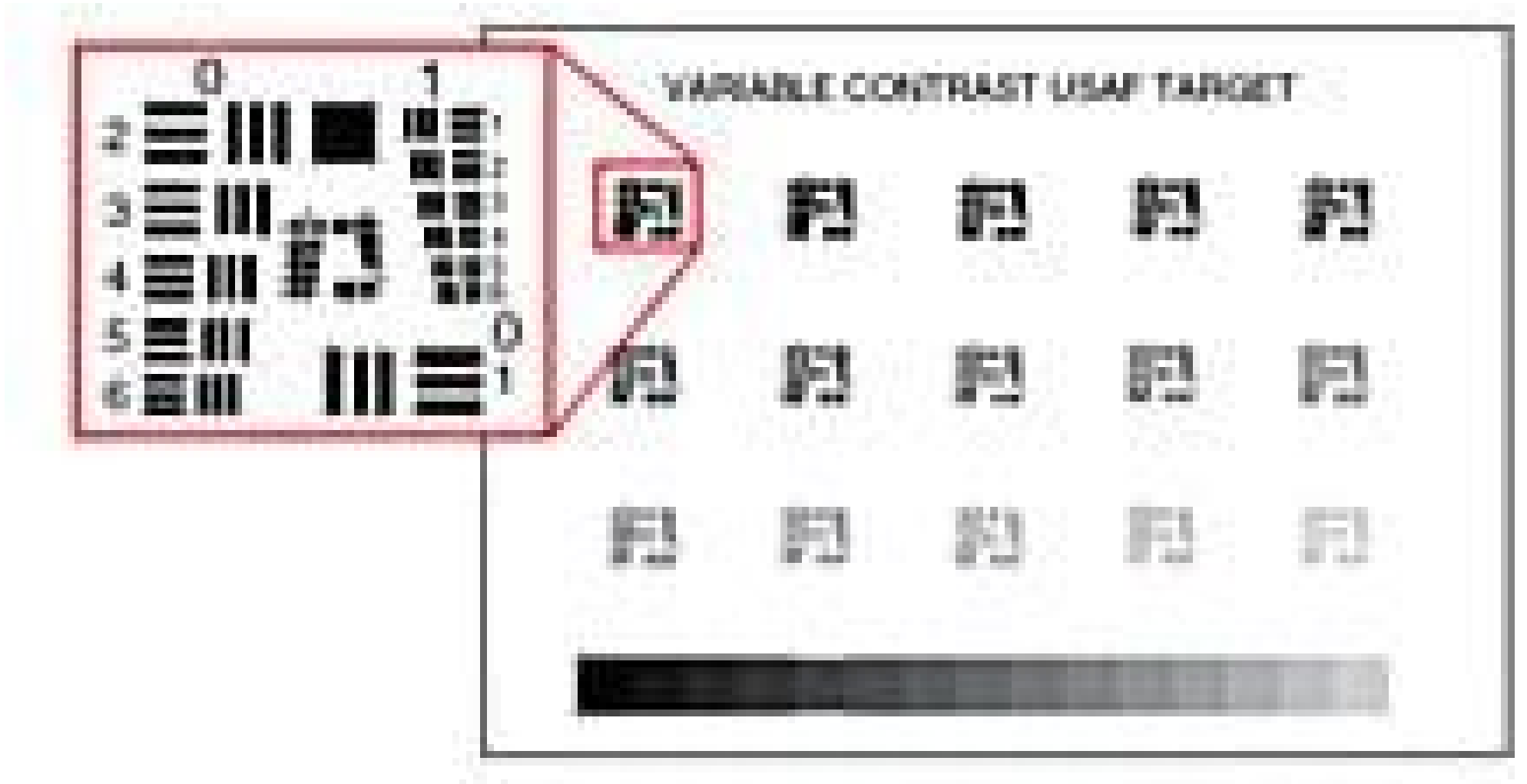


8.5" x 11", USAF Resolution Target



Stock #53-714 **8 In Stock**

- 1 + C\$228²⁰

ADD TO CART

Volume Pricing

Qty 1-4	C\$228.20 each
Qty 5+	C\$217.56 each
Need More?	Request Quote

Product Downloads

General

Note:
OD Tolerance at Each Step is ± 0.08

NIST Certification:
No

Physical & Mechanical Properties

Pattern Size (mm):
17.8 x 17.8 per OD Step

Dimensions (inches):
8.5 x 11

0.20 **Thickness (mm):**

Optical Properties

Photo Paper **Substrate:**

Resolution:
Minimum: Group 0 Element 1
Maximum: Group 4 Element 3

Optical Density Steps:
1.5, 1.4, 1.3, 1.2, 1.1, 1.0, 0.9, 0.8, 0.69, 0.59, 0.49,
0.39, 0.29, 0.19, 0.09

Regulatory Compliance

RoHS 2015:
[Compliant](#)

Certificate of Conformance:
[View](#)

Reach 235:
[Compliant](#)

Product Details

- 15 USAF Targets Which Vary in Density
- Allows Resolution Measurements at Different Contrast Levels

USAF 1951 Contrast Resolution Targets allow users to evaluate their systems using the standard USAF format for resolution measurements at different contrast levels. Since imaging systems are often classified in terms of resolution and contrast, our photographic paper targets are the ideal solution. For example, they are useful when lens designers develop lens systems to provide high contrast at low resolution, but neglect contrast at higher resolutions. USAF 1951 Contrast Resolution Targets prove handy when two lens designs have the same limiting resolution, but drastically different contrast performance at lower resolutions. By imaging targets of various contrast, the user can make qualitative comparisons between lenses as well as evaluate the performance of the system for objects with varying or low contrast levels.

Technical Information

Element	Group No.				
	0	1	2	3	4
1	1.00	2.00	4.00	8.00	16.00
2	1.12	2.24	4.49	8.98	17.95
3	1.26	2.52	5.04	10.10	20.16