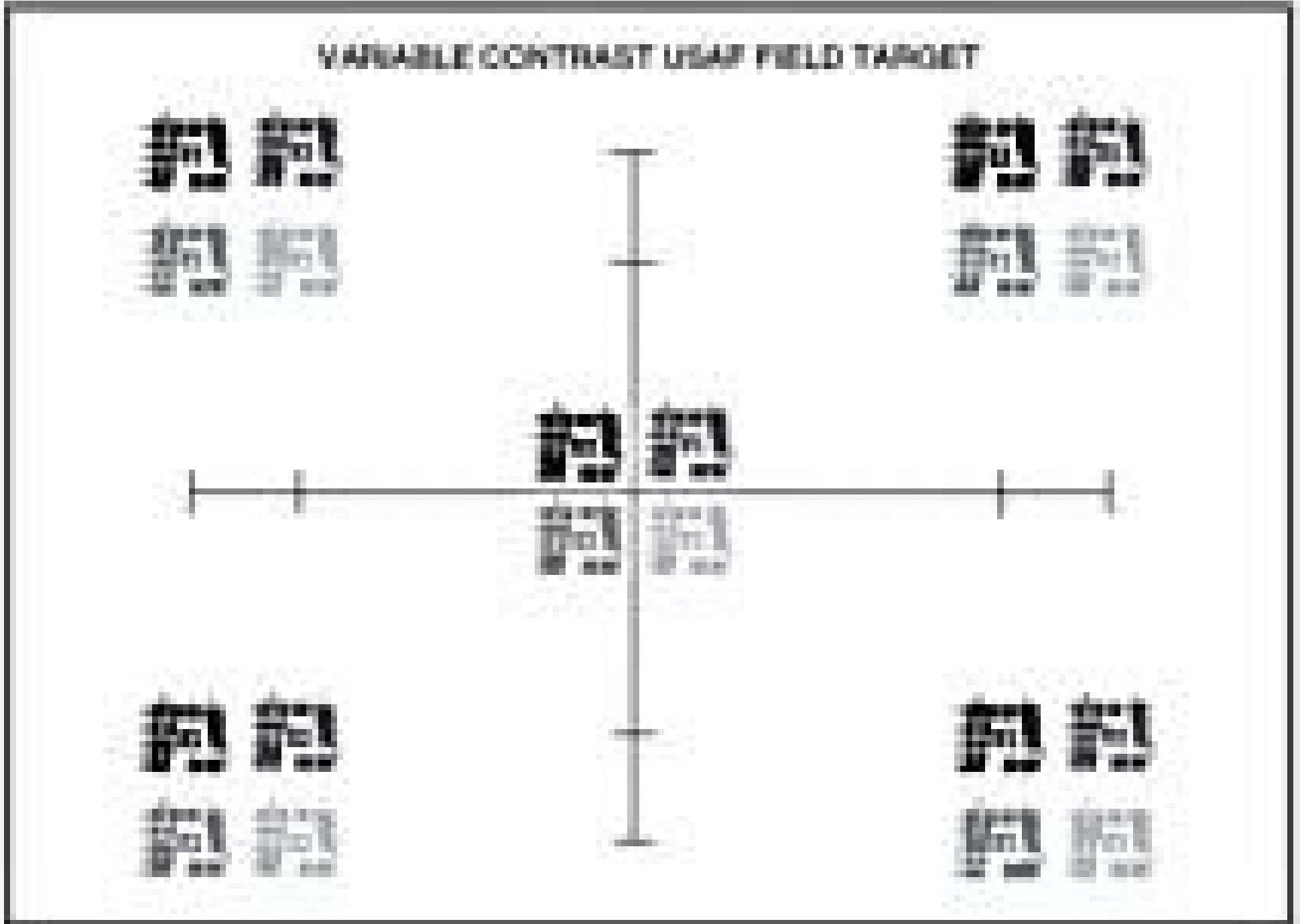


8.5" x 11", USAF Resolution Target



Stock #53-715 **13 In Stock**

- 1 + £130⁴⁰

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Volume Pricing

Qty 1-4	£130.40 each
Qty 5+	£124.32 each
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Prices shown are exclusive of VAT/local taxes

Product Downloads

General

No **NST Certification:**

Physical & Mechanical Properties

280 x 216 **Dimensions (mm):**

0.20 **Thickness (mm):**

Optical Properties

Optical Properties

Photo Paper

Substrate:

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

Resolution:

0.2, 0.45, 0.9, 1.45

Optical Density Steps:

Regulatory Compliance

[Compliant](#)

RoHS 2015:

[View](#)

Certificate of Conformance:

[Compliant](#)

Reach 235:

Product Details

- Arranged on a 4:3 Aspect Ratio to Measure Resolution as a Function of Field
- Each Section Contains Four USAF Targets of Varying Density Levels

Since imaging systems are often classified in terms of resolution and contrast, our photographic paper targets allow users to evaluate their systems using the standard USAF format for resolution measurements at different contrast levels. For example, they are useful when lens designers develop lens systems to provide high contrast at low resolution, but neglect contrast at higher resolutions. They 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
4	1.41	2.83	5.66	11.3	22.6
5	1.59	3.17	6.35	12.7	25.4
6	1.78	3.56	7.13	14.3	28.5