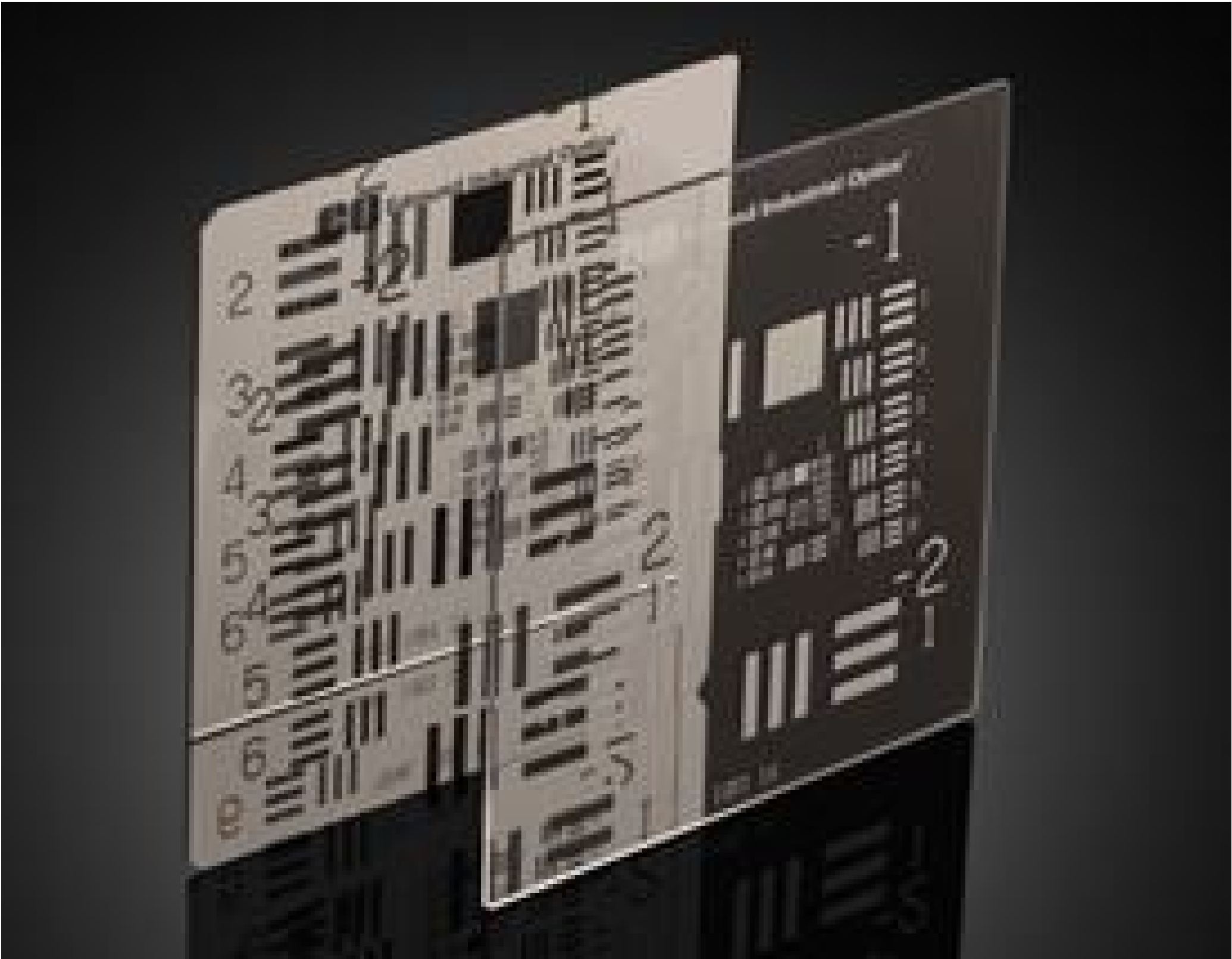


3" x 3" Negative Fluorescent, USAF 1951 Target



UV Fused Silica and Fluorescent USAF 1951 Resolution Targets

Stock **#57-893** CLEARANCE **1 In Stock**

-

1

+

€505⁷³

ADD TO CART

Volume Pricing	
Qty 1-4	€505,73 each
Qty 5+	€481,11 each
Need More?	Request Quote

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

SPECIFICATIONS

General

Type:

Negative Fluorescent Target

Physical & Mechanical Properties

3 x3		Dimensions (inches):
1.20 (1.1 - 1.2)		Thickness (mm):
Optical Properties		
Fluorescent Material - Peak Excitation @ 365, Peak Emission @ 550		Coating:
UV Fused Silica (Corning 7980)		Substrate:
>3.0		Optical Density OD (Average):
Mmimum: 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

Chrome coated top surface will reflect UV radiation. Avoid direct skin contact and eye exposure to UV energy. [UV protective eyewear](#) sold separately. Fluorescent material adds 0.1 - 0.2mm to thickness of fluorescent targets.

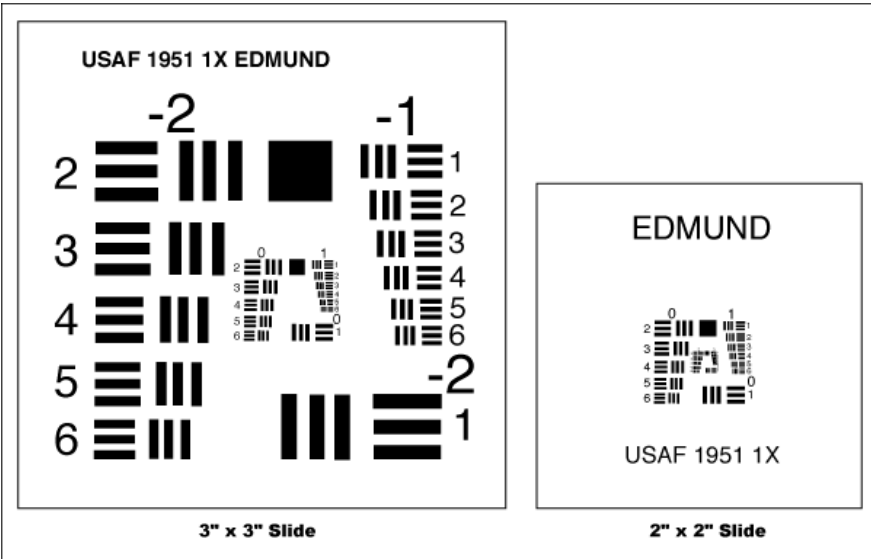
- Designed for Calibration of UV or Fluorescence Microscopes
- Fluorescent Targets have 365nm Excitation Wavelength, 550nm Emission Wavelength
- Negative and Positive Targets Available

The Fused Silica Positive Target (chrome pattern, clear background) has the chrome pattern deposited on the top surface of the target, as does the Fused Silica Negative Target (clear pattern, chrome background).

The Fluorescent Fused Silica Targets are ideal for applications involving fluorecence and confocal microscopy, nanotechnology, photolithography, and other UV-based imaging systems. The Fluorescent Fused Silica Positive Target (chrome pattern, clear background) has a fluorescent material on the top surface of the target. The Fluorescent Fused Silica Negative Target (clear pattern, chrome background) has a fluorescent material on the bottom surface.

Note: Chrome coated top surface will reflect UV radiation. Avoid direct skin contact and eye exposure to UV energy. [UV protective eyewear](#) sold separately. Fluorescent material adds 0.1 - 0.2mm to thickness of fluorescent targets.

TECHNICAL INFORMATION



Element	Group Number										For High Res only	
	-2	-1	0	1	2	3	4	5	6	7	8	9
1	0.250	0.500	1.00	2.00	4.00	8.00	16.00	32.0	64.0	128.0	256.0	512.0
2	0.280	0.561	1.12	2.24	4.49	8.98	17.95	36.0	71.8	144.0	287.0	575.0
3	0.315	0.630	1.26	2.52	5.04	10.10	20.16	40.3	80.6	161.0	323.0	645.0
4	0.353	0.707	1.41	2.83	5.66	11.30	22.62	45.3	90.5	181.0	362.0	—
5	0.397	0.793	1.59	3.17	6.35	12.70	25.39	50.8	102.0	203.0	406.0	—
6	0.445	0.891	1.78	3.56	7.13	14.30	28.50	57.0	114.0	228.0	456.0	—

