



## Artisan Technology Group is your source for quality new and certified-used/pre-owned equipment

- FAST SHIPPING AND DELIVERY
- TENS OF THOUSANDS OF IN-STOCK ITEMS
- EQUIPMENT DEMOS
- HUNDREDS OF MANUFACTURERS SUPPORTED
- LEASING/MONTHLY RENTALS
- ITAR CERTIFIED SECURE ASSET SOLUTIONS

### SERVICE CENTER REPAIRS

Experienced engineers and technicians on staff at our full-service, in-house repair center

### *InstraView*<sup>SM</sup> REMOTE INSPECTION

Remotely inspect equipment before purchasing with our interactive website at [www.instraview.com](http://www.instraview.com) ↗

### WE BUY USED EQUIPMENT

Sell your excess, underutilized, and idle used equipment. We also offer credit for buy-backs and trade-ins. [www.artisanng.com/WeBuyEquipment](http://www.artisanng.com/WeBuyEquipment) ↗

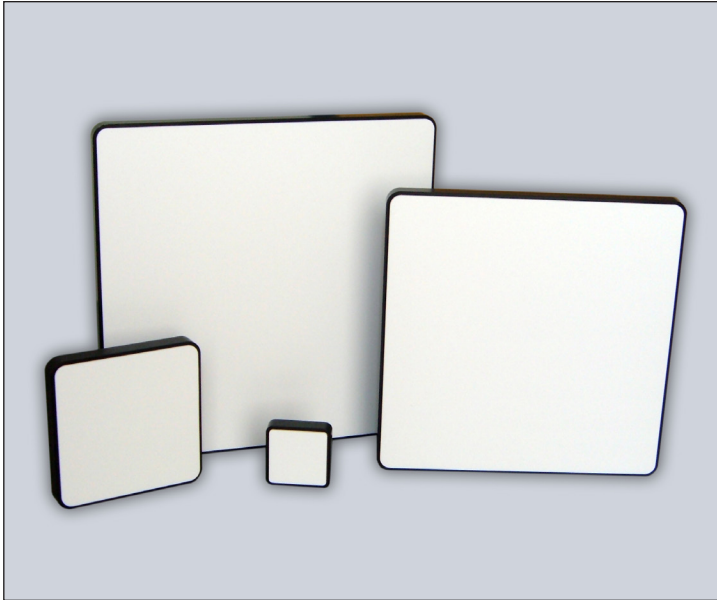
### LOOKING FOR MORE INFORMATION?

Visit us on the web at [www.artisanng.com](http://www.artisanng.com) ↗ for more information on price quotations, drivers, technical specifications, manuals, and documentation

**Contact us:** (888) 88-SOURCE | [sales@artisanng.com](mailto:sales@artisanng.com) | [www.artisanng.com](http://www.artisanng.com)

# Spectralon® Diffuse Reflectance Targets

Durable reflectance panels for laboratory and field applications under harsh conditions



## VALUE

Durable and washable  
 Various reflectance values available  
 Impervious to harsh environments  
 Thermally and chemically stable

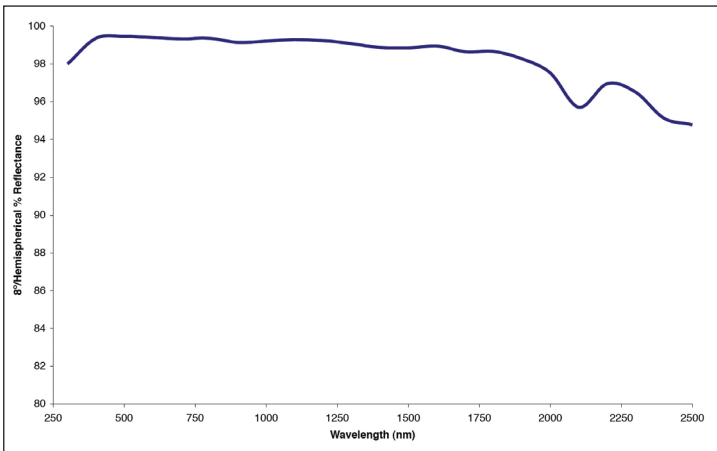
## APPLICATIONS

Backlight illuminators  
 Environmental test targets  
 Laser targets  
 Optical reflectors  
 Remote sensing targets  
 Proximity sensors  
 Light/sensor compensation

## Durable

Spectralon targets are ideal for laboratory, production and field applications that require long exposure to harsh environmental conditions. Because of the diffuse reflectance properties of Spectralon®, these targets maintain a constant contrast over a wide range of lighting conditions.

Spectralon targets are available in plates up to 24 x 24 inch white or gray material, mounted in a rugged anodized aluminum frame. Calibration data from 250 to 2500 nm, every 50 nm is supplied with the targets and is traceable to the National Institute of Standards and Technology (NIST). All targets are thermally and chemically stable and easily cleaned. Custom targets of various reflectance values are also available up to 3 m x 3 m.



Typical 8° Hemispherical Reflectance SRM-990

TABLE 1:

Corrected Reflectance Values for 99% Spectralon Targets

Wavelength Range (nm)	8°/Hemispherical Spectral Reflectance Values
250	0.900
300	0.925
350	0.975 - 0.995
500 - 700	0.985 - 0.995
750 - 1600	0.975 - 0.995
1650 - 2500	0.925

TABLE 2:

Acceptable 8°/Hemispherical Corrected Reflectance Factors for Gray Spectralon Targets

Nominal Reflectance	Tolerance at 600 nm	Flatness Range over 350 - 760 nm
2 - 5%	± 2%	± 4%
6 - 19%	± 3%	± 5%
20 - 95%	± 5%	± 5%

# Specifications

Refer to Tables 1 & 2 for Tolerances

Model Number	Part Number	Nominal Reflectance Value	Reflective Area (inches)	Size Mounted (L x W x H inches)
SRT-02-020	AA-00823-900	2%	2 x 2	2.25 x 2.25 x 0.66
SRT-02-050	AA-00821-900	2%	5 x 5	5.25 x 5.25 x 0.66
SRT-02-100	AA-00822-900	2%	10 x 10	10.25 x 10.25 x 0.66
SRT-02-120	AA-00827-900	2%	12 x 12	12.25 x 12.25 x 0.66
SRT-02-180	AA-00826-900	2%	18 x 18	18.25 x 18.25 x 0.66
SRT-02-240	AA-00837-900	2%	24 x 24	24.25 x 24.25 x 0.66
SRT-05-020	AA-00823-800	5%	2 x 2	2.25 x 2.25 x 0.66
SRT-05-050	AA-00821-800	5%	5 x 5	5.25 x 5.25 x 0.66
SRT-05-100	AA-00822-800	5%	10 x 10	10.25 x 10.25 x 0.66
SRT-10-020	AA-00823-700	10%	2 x 2	2.25 x 2.25 x 0.66
SRT-10-050	AA-00821-700	10%	5 x 5	5.25 x 5.25 x 0.66
SRT-10-100	AA-00822-700	10%	10 x 10	10.25 x 10.25 x 0.66
SRT-20-020	AA-00823-600	20%	2 x 2	2.25 x 2.25 x 0.66
SRT-20-050	AA-00821-600	20%	5 x 5	5.25 x 5.25 x 0.66
SRT-20-100	AA-00822-600	20%	10 x 10	10.25 x 10.25 x 0.66
SRT-40-020	AA-00823-500	40%	2 x 2	2.25 x 2.25 x 0.66
SRT-40-050	AA-00821-500	40%	5 x 5	5.25 x 5.25 x 0.66
SRT-40-100	AA-00822-500	40%	10 x 10	10.25 x 10.25 x 0.66
SRT-50-020	AA-00823-400	50%	2 x 2	2.25 x 2.25 x 0.66
SRT-50-050	AA-00821-400	50%	5 x 5	5.25 x 5.25 x 0.66
SRT-50-100	AA-00822-400	50%	10 x 10	10.25 x 10.25 x 0.66
SRT-50-120	AA-00827-400	50%	12 x 12	12.25 x 12.25 x 0.66
SRT-50-180	AA-00826-400	50%	18 x 18	18.25 x 18.25 x 0.66
SRT-50-240	AA-00837-400	50%	24 x 24	24.25 x 24.25 x 0.66
SRT-60-020	AA-00823-300	60%	2 x 2	2.25 x 2.25 x 0.66
SRT-60-050	AA-00821-300	60%	5 x 5	5.25 x 5.25 x 0.66
SRT-60-100	AA-00822-300	60%	10 x 10	10.25 x 10.25 x 0.66
SRT-75-020	AA-00823-200	75%	2 x 2	2.25 x 2.25 x 0.66
SRT-75-050	AA-00821-200	75%	5 x 5	5.25 x 5.25 x 0.66
SRT-75-100	AA-00822-200	75%	10 x 10	10.25 x 10.25 x 0.66
SRT-75-120	AA-00827-200	75%	12 x 12	12.25 x 12.25 x 0.66
SRT-75-180	AA-00826-200	75%	18 x 18	18.25 x 18.25 x 0.66
SRT-75-240	AA-00837-200	75%	24 x 24	24.25 x 24.25 x 0.66
SRT-80-020	AA-00823-100	80%	2 x 2	2.25 x 2.25 x 0.66
SRT-80-050	AA-00821-100	80%	5 x 5	5.25 x 5.25 x 0.66
SRT-80-100	AA-00822-100	80%	10 x 10	10.25 x 10.25 x 0.66
SRT-99-020	AA-00823-000	99%	2 x 2	2.25 x 2.25 x 0.66
SRT-99-050	AA-00821-000	99%	5 x 5	5.25 x 5.25 x 0.66
SRT-99-100	AA-00822-000	99%	10 x 10	10.25 x 10.25 x 0.66
SRT-99-120	AA-00827-000	99%	12 x 12	12.25 x 12.25 x 0.66
SRT-99-180	AA-00826-000	99%	18 x 18	18.25 x 18.25 x 0.66
SRT-99-240	AA-00837-000	99%	24 x 24	24.25 x 24.25 x 0.66



## Artisan Technology Group is your source for quality new and certified-used/pre-owned equipment

- FAST SHIPPING AND DELIVERY
- TENS OF THOUSANDS OF IN-STOCK ITEMS
- EQUIPMENT DEMOS
- HUNDREDS OF MANUFACTURERS SUPPORTED
- LEASING/MONTHLY RENTALS
- ITAR CERTIFIED SECURE ASSET SOLUTIONS

### SERVICE CENTER REPAIRS

Experienced engineers and technicians on staff at our full-service, in-house repair center

### *InstraView*<sup>SM</sup> REMOTE INSPECTION

Remotely inspect equipment before purchasing with our interactive website at [www.instraview.com](http://www.instraview.com) ↗

### WE BUY USED EQUIPMENT

Sell your excess, underutilized, and idle used equipment. We also offer credit for buy-backs and trade-ins. [www.artisanng.com/WeBuyEquipment](http://www.artisanng.com/WeBuyEquipment) ↗

### LOOKING FOR MORE INFORMATION?

Visit us on the web at [www.artisanng.com](http://www.artisanng.com) ↗ for more information on price quotations, drivers, technical specifications, manuals, and documentation

**Contact us:** (888) 88-SOURCE | [sales@artisanng.com](mailto:sales@artisanng.com) | [www.artisanng.com](http://www.artisanng.com)