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Infragold NIR-MIR Reflectance Standards



Features

- High Infrared Reflectance
- Durable and Cleanable
- Wide Infrared Spectral Range
- Withstand High Temperature

Applications

- Calibration of FTIR Instruments
- Calibration of Infrared Integrating Sphere Systems
- Calibration of NIR-MIR Spectrophotometers
- Infrared Laser Targets

Infragold diffuse reflectance standards have typical reflectance values of 94% to 96% over the NIR-MIR spectral region. The reflectance data collected over the spectral range from 700 to 2500 nm are directly traceable to NIST. Calibration from 2.5&#65533;m to 15&#65533;m is available.

Infragold infrared reflectance standards are ideal for calibration of NIR-MIR spectrometers, FTIR instruments and infrared integrating sphere systems.

INFRAGOLD® NIR-MIR REFLECTANCE TARGETS

Infragold diffuse reflectance material is available in large plates (up to 18 inches square) for use as infrared diffuse reflectance targets. Larger infrared targets can be constructed by arranging Infragold plates in arrays; seams may be visible but do not affect the overall reflectance of the target. Standard reflectance targets are supplied mounted in an anodized aluminum frame.

Consult with the Labsphere Technical Sales Department for construction and mounting arrays.

Specifications and Ordering Information

Standard Part No.	Reflectance Value	Reflective Area (inches)	Overall Dimensions
IRS-94-010	94%	1.25 D	1.50 D x 0.19 H
IRS-94-020	94%	2.00 D	2.38 D x 0.19 H
Target Part No.			**Size Mounted**
IRT-94-020	94%	2 x 2	2.25 x 2.25 x 0.31 T
IRT-94-050	94%	5 x 5	5.25 x 5.25 x 0.31 T
IRT-94-100	94%	10 x 10	10.25 x 10.25 x 0.31 T
IRT-94-180	94%	18 x 18	18.25 x 18.25 x 0.31 T



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