

FLUORILON GRAY SCALE STANDARDS



Gray scale diffuse reflectance standards

Categories: [PHYSICAL STANDARDS](#), [REFLECTANCE STANDARDS](#)

-
- [Product Information](#)



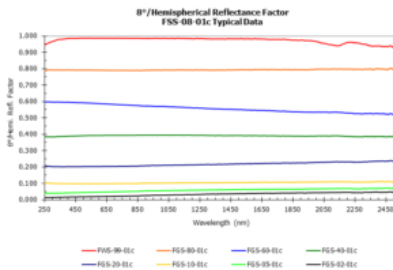
Gray scale standards are essential for establishing the photometric linearity of a reflectance spectrometer.

Avian Technologies Fluorilon™ gray scale standards allow the user to calibrate an instrument over a 2 decade range of reflectance, which is well over the typical range seen by a reflectance instrument. The materials are highly diffuse and have little angular dependence and almost no gloss; specular included and excluded geometries will show little difference in reflectance values.

Options/Specifications

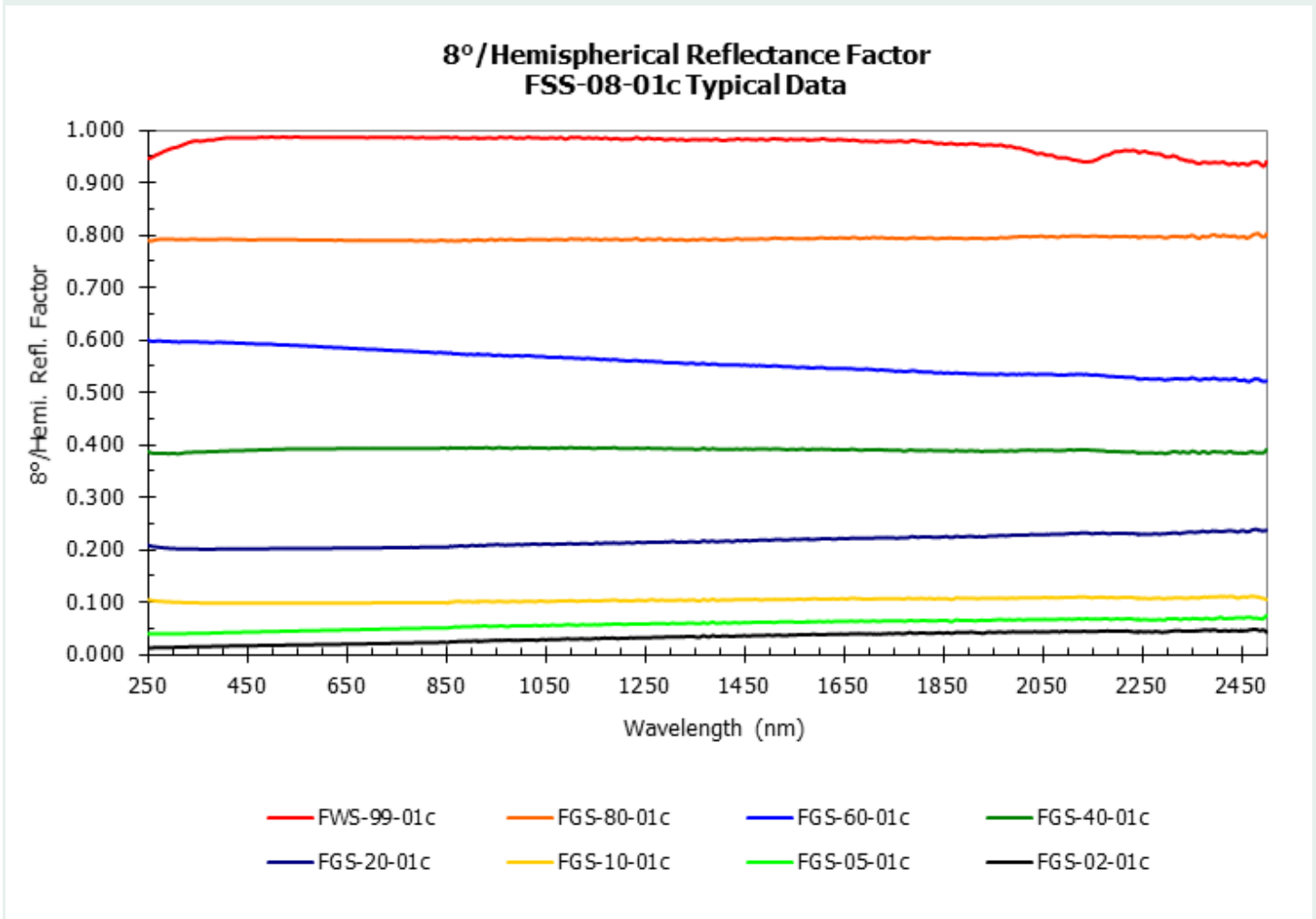
Nominal reflectances at 600 nm	2%, 5%, 10%, 20%, 40%, 60%, 80%, 99%*
Calibration	Calibrated or uncalibrated
Dimensions	Round: 1.25" or 2.00" diameter active optical area
Sets	Available in sets of 4 or 8 (presented in a waterproof plastic box), or individually

*Tolerance is +/- 1% at 600 nm for 2%, 5%, and 99% standards. All others have a tolerance of +/- 2%.



Typical 8° hemispherical reflectance for FSS-08 set: click for full size

[Excel file of above data](#)



In addition to round standards, we offer square targets in the same material. Custom sizes & sets are also available; contact us to discuss your specific application.

- Ordering**

FGS-xx-01

1.25" diameter Fluorilon Gray Scale Standard

FGS-xx-02

2.00" diameter Fluorilon Gray Scale Standard

FSS-04-01

*Set of 4 1.25" diameter Gray Scale Reflectance Standards;
2%, 99%, plus two of your choice*

FSS-04-02

*Set of 4 2.00" diameter Gray Scale Reflectance Standards;
2%, 99%, plus two of your choice*

FSS-08-01

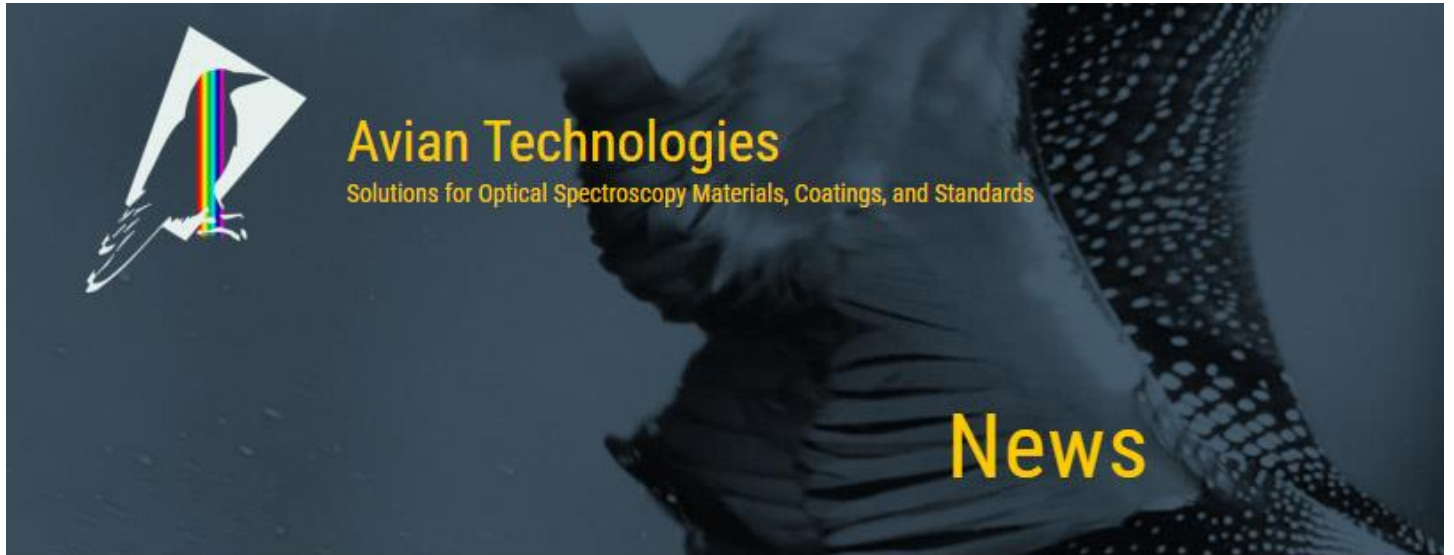
*Set of 8 1.25" diameter Gray Scale Reflectance Standards;
2%, 5%, 10%, 20%, 40%, 60%, 80%, 99%*

FSS-08-02

*Set of 8 2.00" diameter Gray Scale Reflectance Standards;
2%, 5%, 10%, 20%, 40%, 60%, 80%, 99%*

Custom

*Custom products are our specialty!
Contact us for more information.*



NEWS

LC Instru Represents Avian Technologies

Avian Technologies is pleased to welcome our newest representative, **LC Instru**. If you are interested in purchasing Avian Technologies products in France, give them a call!

Visit our [international sales](#) page for more information on purchasing Avian Technologies' products if you are located outside the US.

Contact :



LC-Instru SAS / JASCO France SAS

ZI de l'Eglantier

17 rue des Cerisiers

91090 LISSES

Tél : 09 72 50 12 35 ou 01 64 97 09 60

info@lc-instru.fr ou jascofrance@jascofrance.fr