

Permaflect® Diffuse Reflectance Targets

Highly durable, lightweight targets up to 125 x 245 cm



No other options compare

- Lightweight
- Uniform
- Tailorable
- Durable
- Easy to Clean

Ideal for these applications

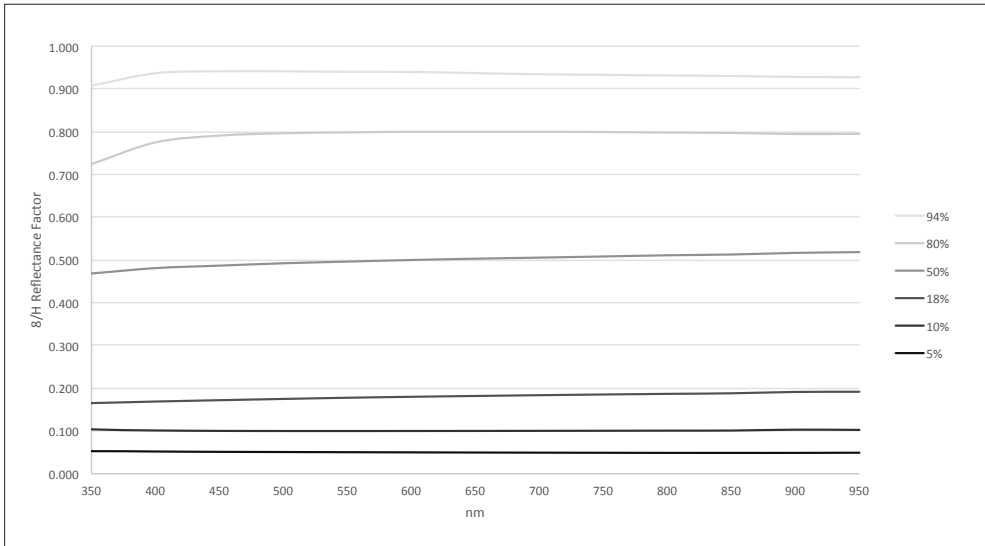
- LiDAR
- Time of Flight
- Ground Truth
- Imager Calibration
- Sensor/Source Compensation
- Superior Alternative to Grey Paper

Why grey painted cards, fabrics, and paper may put you at a disadvantage

For applications your grey target solution must work for a wide variety of lighting environments and still maintain its appearance. Most importantly it has to have uniform spectral response. It also must be thermally and physically durable, UV light stable, thermally color stable, no gloss, no polarization and no fluorescence.

If your grey target solutions do not meet these requirements, you need Permaflect.

Typical 8/H Reflectance Factors of Permaflect

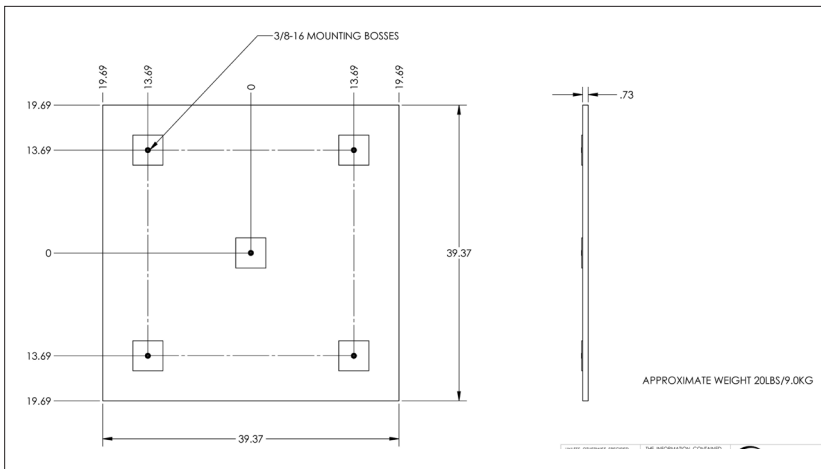


Measurement Report Includes:

- Spectral reflectance from 350 nm to 1000 nm every 10 nm
- Reflectance map of target at 905 nm

Permaflect-X (%)	5%	10%	18%	50%	80%	94%
Variance from Average in absolute reflectance	+/-1% (3.5% - 6.5%)	+/-1% (8.5% - 11.5%)	+/-1% (16.5% - 19.5%)	+/-1.5% (48.0% - 52.0%)	+/-1% (78.5% - 81.5%)	+3%/ -0% (94.0% - 97.0%)
Typical Flatness: Peak to peak from 350 nm to 950 nm	0%	0%	3%	5%	8%	3%
Uniformity:						
0.5 m x 0.5 m at 600 nm	+/- 1%	+/- 1%	+/- 1%	+/- 1.5%	+/- 1%	+/- 1%
1.0 m x 1.0 m at 600 nm	+/- 1%	+/- 1%	+/- 1%	+/- 1.5%	+/- 1%	+/- 1%
1.5 m x 1.5 m at 600 nm	+/- 1%	+/- 1%	+/- 1%	+/- 1.5%	+/- 1%	+/- 1%
1.2 m x 2.4 m at 600 nm	+/- 1.5%	+/- 1.5%	+/- 1.5%	+/- 2.0%	+/- 1.5%	+/- 1.5%

1.0 m x 1.0 m Informational Drawing



Permafect® Targets Unframed With Mounting

MODEL	DESCRIPTION	PART NUMBER
PFT-05-05M-UF-WM	Permafect 5% 0.5M X 0.5M Unframed w/mounting	AA-01391-005
PFT-05-12M24M-UF-WM	Permafect 5% 1.2M X 2.4M Unframed w/mounting	AA-01394-005
PFT-05-15M-UF-WM	Permafect 5% 1.5M X 1.5M Unframed w/mounting	AA-01393-005
PFT-05-1M-UF-WM	Permafect 5% 1.0M X 1.0M Unframed w/mounting	AA-01392-005
PFT-10-05M-UF-WM	Permafect 10% 0.5M X 0.5M Unframed w/mounting	AA-01391-010
PFT-10-12M24M-UF-WM	Permafect 10% 1.2M X 2.4M Unframed w/mounting	AA-01394-010
PFT-10-15M-UF-WM	Permafect 10% 1.5M X 1.5M Unframed w/mounting	AA-01393-010
PFT-10-1M-UF-WM	Permafect 10% 1.0M X 1.0M Unframed w/mounting	AA-01392-010
PFT-18-05M-UF-WM	Permafect 18% 0.5M X 0.5M Unframed w/mounting	AA-01391-018
PFT-18-12M24M-UF-WM	Permafect 18% 1.2M X 2.4M Unframed w/mounting	AA-01394-018
PFT-18-15M-UF-WM	Permafect 18% 1.5M X 1.5M Unframed w/mounting	AA-01393-018
PFT-18-1M-UF-WM	Permafect 18% 1.0M X 1.0M Unframed w/mounting	AA-01392-018
PFT-50-05M-UF-WM	Permafect 50% 0.5M X 0.5M Unframed w/mounting	AA-01391-050
PFT-50-12M24M-UF-WM	Permafect 50% 1.2M X 2.4M Unframed w/mounting	AA-01394-050
PFT-50-15M-UF-WM	Permafect 50% 1.5M X 1.5M Unframed w/mounting	AA-01393-050
PFT-50-1M-UF-WM	Permafect 50% 1.0M X 1.0M Unframed w/mounting	AA-01392-050
PFT-80-05M-UF-WM	Permafect 80% 0.5M X 0.5M Unframed w/mounting	AA-01391-080
PFT-80-12M24M-UF-WM	Permafect 80% 1.2M X 2.4M Unframed w/mounting	AA-01394-080
PFT-80-15M-UF-WM	Permafect 80% 1.5M X 1.5M Unframed w/mounting	AA-01393-080
PFT-80-1M-UF-WM	Permafect 80% 1.0M X 1.0M Unframed w/mounting	AA-01392-080
PFT-94-05M-UF-WM	Permafect 94% 0.5M X 0.5M Unframed w/mounting	AA-01391-094
PFT-94-12M24M-UF-WM	Permafect 94% 1.2M X 2.4M Unframed w/mounting	AA-01394-094
PFT-94-15M-UF-WM	Permafect 94% 1.5M X 1.5M Unframed w/mounting	AA-01393-094
PFT-94-1M-UF-WM	Permafect 94% 1.0M X 1.0M Unframed w/mounting	AA-01392-094

Permafect Target Reflectance Uniformity Mapping and Report Included

Permaflect® Targets Unframed No Mounting

MODEL	DESCRIPTION	PART NUMBER
PFT-05-05M-UF-NM	Permaflect 5% 0.5M X 0.5M Unframed No Mounting	AA-01411-005
PFT-05-12M24M-UF-NM	Permaflect 5% 1.2M X 2.4M Unframed No Mounting	AA-01414-005
PFT-05-15M-UF-NM	Permaflect 5% 1.5M X 1.5M Unframed No Mounting	AA-01413-005
PFT-05-1M-UF-NM	Permaflect 5% 1.0M X 1.0M Unframed No Mounting	AA-01412-005
PFT-10-05M-UF-NM	Permaflect 10% 0.5M X 0.5M Unframed No Mounting	AA-01411-010
PFT-10-12M24M-UF-NM	Permaflect 10% 1.2M X 2.4M Unframed No Mounting	AA-01414-010
PFT-10-15M-UF-NM	Permaflect 10% 1.5M X 1.5M Unframed No Mounting	AA-01413-010
PFT-10-1M-UF-NM	Permaflect 10% 1.0M X 1.0M Unframed No Mounting	AA-01412-010
PFT-18-05M-UF-NM	Permaflect 18% 0.5M X 0.5M Unframed No Mounting	AA-01411-018
PFT-18-12M24M-UF-NM	Permaflect 18% 1.2M X 2.4M Unframed No Mounting	AA-01414-018
PFT-18-15M-UF-NM	Permaflect 18% 1.5M X 1.5M Unframed No Mounting	AA-01413-018
PFT-18-1M-UF-NM	Permaflect 18% 1.0M X 1.0M Unframed No Mounting	AA-01412-018
PFT-50-05M-UF-NM	Permaflect 50% 0.5M X 0.5M Unframed No Mounting	AA-01411-050
PFT-50-12M24M-UF-NM	Permaflect 50% 1.2M X 2.4M Unframed No Mounting	AA-01414-050
PFT-50-15M-UF-NM	Permaflect 50% 1.5M X 1.5M Unframed No Mounting	AA-01413-050
PFT-50-1M-UF-NM	Permaflect 50% 1.0M X 1.0M Unframed No Mounting	AA-01412-050
PFT-80-05M-UF-NM	Permaflect 80% 0.5M X 0.5M Unframed No Mounting	AA-01411-080
PFT-80-12M24M-UF-NM	Permaflect 80% 1.2M X 2.4M Unframed No Mounting	AA-01414-080
PFT-80-15M-UF-NM	Permaflect 80% 1.5M X 1.5M Unframed No Mounting	AA-01413-080
PFT-80-1M-UF-NM	Permaflect 80% 1.0M X 1.0M Unframed No Mounting	AA-01412-080
PFT-94-05M-UF-NM	Permaflect 94% 0.5M X 0.5M Unframed No Mounting	AA-01411-094
PFT-94-12M24M-UF-NM	Permaflect 94% 1.2M X 2.4M Unframed No Mounting	AA-01414-094
PFT-94-15M-UF-NM	Permaflect 94% 1.5M X 1.5M Unframed No Mounting	AA-01413-094
PFT-94-1M-UF-NM	Permaflect 94% 1.0M X 1.0M Unframed No Mounting	AA-01412-094

Permaflect Target Reflectance Uniformity Mapping and Report Included