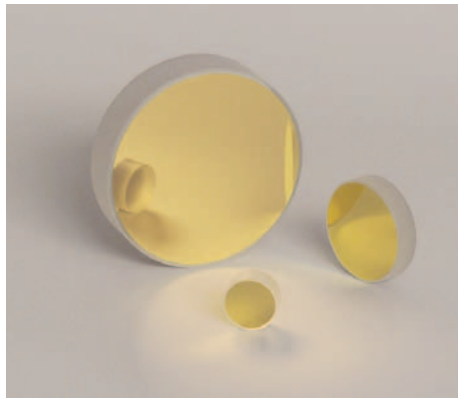


**REVISED**

5:13 pm, 1/24/08

**Optics**

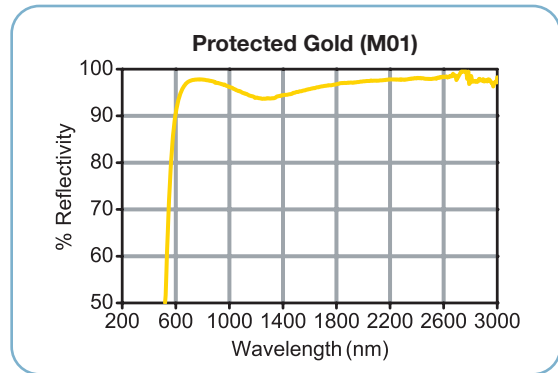
- Optical Systems
- Free Space Isolators
- E-O Devices
- Spherical Singlets
- Multi-Element Lenses
- Cylindrical Lenses
- Aspheric Lenses
- Mirrors**
- Diffusers & Lens Arrays
- Windows
- Prisms
- Gratings
- Polarization Optics
- Beamsplitters
- Filters & Attenuators
- Gas Cells

**Protected Gold Coating**

Gold is the most efficient metallic reflective coating over the entire IR range. Thorlabs uses a layer of SiO to protect the gold coatings and to make the mirror easy to clean.

 **$\lambda/10$  Protected Gold Mirrors****Specifications**

- **Substrate Material:** Fused Silica
- **Surface Flatness:**  $\lambda/10$
- **Surface Quality:** 40-20 Scratch Dig
- **Reflectivity:**  $R_{AVG} >95\%$  from 800nm-10 $\mu$ m
- **Clear Aperture:**  $>90\%$  of Diameter

**New 10-Piece Bulk Pack SAVE 10%****PROTECTED GOLD MIRROR**

ITEM #	\$	£	€	RMB	DESCRIPTION
PF05-03-M01	\$ 29.60	£ 18.60	€ 27,50	¥ 282.70	Ø1/2" (12.7mm) Protected Gold Mirror
PF10-03-M01	\$ 54.10	£ 34.10	€ 50,30	¥ 516.70	Ø1" (25.4mm) Protected Gold Mirror
PF20-03-M01	\$ 101.00	£ 63.60	€ 93,90	¥ 964.60	Ø2" (50.8mm) Protected Gold Mirror

**PROTECTED GOLD MIRROR (PACKS OF 10)**

ITEM #	\$	£	€	RMB	DESCRIPTION
PF05-03-M01-10	\$ 266.40	£ 167.40	€ 247,50	¥ 2,544.30	Ø1/2" (12.7mm) Protected Gold Mirror, Pack of 10
PF10-03-M01-10	\$ 486.90	£ 306.90	€ 452,70	¥ 4,650.30	Ø1" (25.4mm) Protected Gold Mirror, Pack of 10
PF20-03-M01-10	\$ 909.00	£ 572.40	€ 845,10	¥ 8,681.40	Ø2" (50.8mm) Protected Gold Mirror, Pack of 10

**Rectangular Protected Gold Mirrors****Features:**

- Rectangular Shape
- Thick Substrate
- Protected Gold Coating
- Substrate Material: N-BK7

**Protected Gold Coating**

The small size and rectangular shape of these gold-coated mirrors with a SiO protective overcoat are an ideal choice for tight spaces. The mirrors have the same reflective properties as the round protected gold-coated mirrors.

**Specifications**

- **Surface Flatness:**  $\lambda/10$
- **Surface Quality:** 10-5 Scratch Dig
- **Clear Aperture:**  $>90\%$
- **Reflectivity:**  $>95\%$  From 800nm to 10 $\mu$ m

ITEM #	\$	£	€	RMB	DESCRIPTION
MR01-M01	\$ 37.10	£ 23.40	€ 34,50	¥ 354.30	Protected Gold Mirror, 10 x 6 x 4mm
MR02-M01	\$ 80.30	£ 50.60	€ 74,70	¥ 766.90	Protected Gold Mirror, 25 x 15 x 4mm
MR03-M01	\$ 37.10	£ 23.40	€ 34,50	¥ 354.30	Protected Gold Mirror, 14.5 x 7 x 5mm
MR04-M01	\$ 37.10	£ 23.40	€ 34,50	¥ 354.30	Protected Gold Mirror, 14.5 x 3.5 x 2mm