

MIRROR CATALOG

Ver.210112



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- 8 0~45° Incidence Broadband Dielectric Coated Fused Silica Flat Mirror
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- 12 0° Ellipse Shape Flat Mirror
- 13 45° Ellipse Shape Flat Mirror
- 14 Concave Sphere Mirror
- 15 Concave Cylindrical Mirror
- 16 Mirror on Prism

10 DAYS LENS SAMPLING

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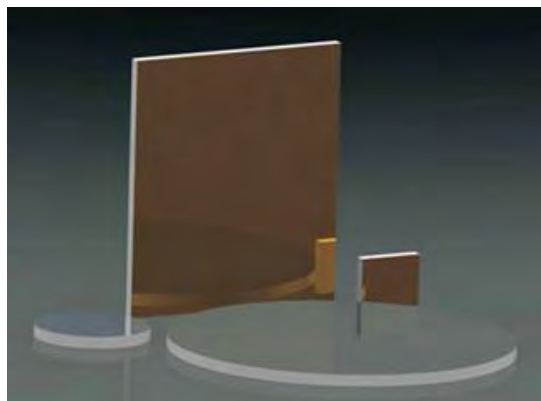
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Economic Metallic Coated Float Glass Flat Mirror

- **Material:** Float Glass
- **Surface Figure :** $4-6 \lambda @633\text{nm}$
- **Surface Quality:** 120-80
- **Parallelism:** $<3'$
- **Diameter Tolerance:** $+0.0/-0.25\text{mm}$
- **Thickness Tolerance:** $\pm 0.25\text{mm}$
- **Chamfer:** $0.2\sim 0.5\text{mm} \times 45^\circ$
- **Coating:** see product list



Size (mm)	Thickness (mm)	Part No.			
		Coating – Al	Coating – UVAL	Coating-Ag	Coating - Au
φ25.0	2.3	MIR0250-23-AL-E	MIR0250-23-UVAL-E	MIR0250-23-AG-E	MIR0250-23-AU-E
12.5x12.5	2.3	MIRO-125X125-23-AL-E	MIRO-125X125-23-UVAL-E	MIRO-125X125-23-AG-E	MIRO-125X125-23-AU-E
φ20.0	2.3	MIR0200-23-AL-E	MIR0200-23-UVAL-E	MIR0200-23-AG-E	MIR0200-23-AU-E
20.0x20.0	2.3	MIRO-200X200-23-AL-E	MIRO-200X200-23-UVAL-E	MIRO-200X200-23-AG-E	MIRO-200X200-23-AU-E
20.0x28.0	2.3	MIRO-200X280-23-AL-E	MIRO-200X280-23-UVAL-E	MIRO-200X280-23-AG-E	MIRO-200X280-23-AU-E
φ25.0	2.3	MIR0250-23-AL-E	MIR0250-23-UVAL-E	MIR0250-23-AG-E	MIR0250-23-AU-E
25.0x25.0	2.3	MIRO-250X250-23-AL-E	MIRO-250X250-23-UVAL-E	MIRO-250X250-23-AG-E	MIRO-250X250-23-AU-E
25.0x35.0	2.3	MIRO-250X350-23-AL-E	MIRO-250X350-23-UVAL-E	MIRO-250X350-23-AG-E	MIRO-250X350-23-AU-E
φ25.4	2.3	MIR0254-23-AL-E	MIR0254-23-UVAL-E	MIR0254-23-AG-E	MIR0254-23-AU-E
φ30.0	2.3	MIR0300-23-AL-E	MIR0300-23-UVAL-E	MIR0300-23-AG-E	MIR0300-23-AU-E
30.0x30.0	2.3	MIRO-300X300-23-AL-E	MIRO-300X300-23-UVAL-E	MIRO-300X300-23-AG-E	MIRO-300X300-23-AU-E
φ38.0	2.3	MIR0380-23-AL-E	MIR0380-23-UVAL-E	MIR0380-23-AG-E	MIR0380-23-AU-E
φ50.0	2.3	MIR0500-23-AL-E	MIR0500-23-UVAL-E	MIR0500-23-AG-E	MIR0500-23-AU-E
50.0x50.0	2.3	MIRO-500X500-23-AL-E	MIRO-500X500-23-UVAL-E	MIRO-500X500-23-AG-E	MIRO-500X500-23-AU-E
50.0x75.0	2.3	MIRO500X750-23-AL-E	MIRO500X750-23-UVAL-E	MIRO500X750-23-AG-E	MIRO500X750-23-AU-E
φ75.0	2.3	MIR0750-23-AL-E	MIR0750-23-UVAL-E	MIR0750-23-AG-E	MIR0750-23-AU-E
75.0x75.0	2.3	MIRO-750X750-23-AL-E	MIRO-750X750-23-UVAL-E	MIRO-750X750-23-AG-E	MIRO-750X750-23-AU-E
75.0x100.0	2.3	MIRO-750X1000-23-AL-E	MIRO-750X1000-23-UVAL-E	MIRO-750X1000-23-AG-E	MIRO-750X1000-23-AU-E

Remarks:

1. The edges of the square and rectangular mirrors in the list are cut and not finely ground.
2. Our company can provide OEM products and services according to the needs of users.
3. The rectangular reflector is suitable for 45° incidence.

Unless otherwise specified, all dimensions are in mm

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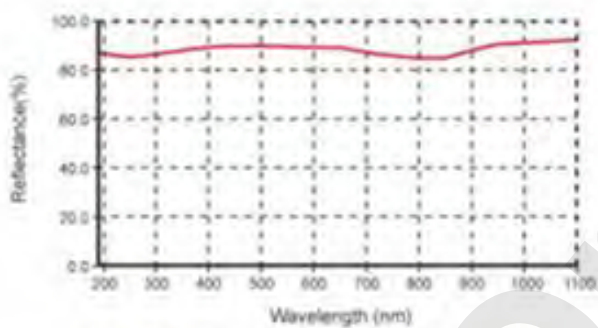
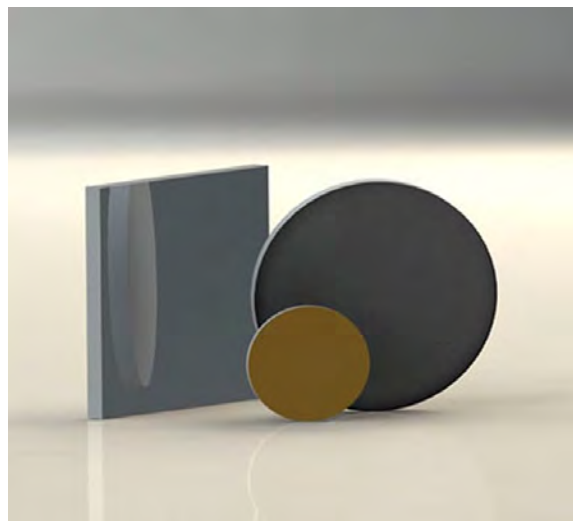
Tel: +86-577-8181-0885

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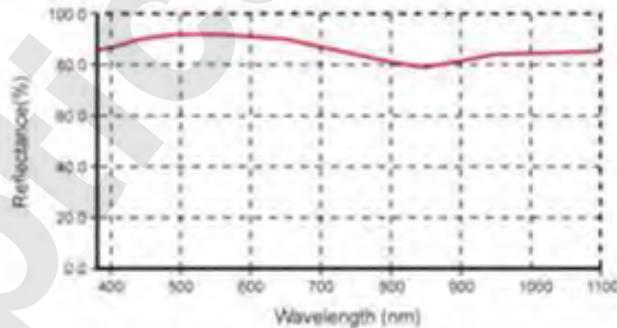


Standard Metallic Coated H-K9L Flat Mirror

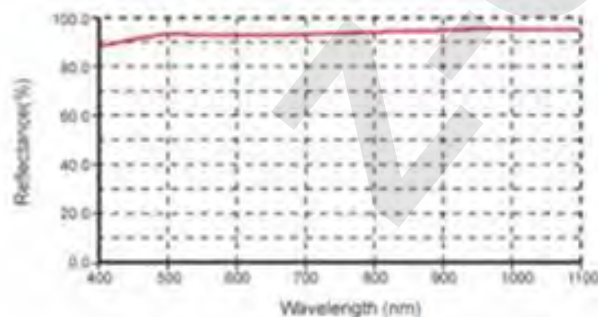
- **Material:** H-K9L
- **Surface Figure :** $\lambda/4@633\text{nm}$
- **Surface Quality:** 60-40
- **Parallelism:** $<3'$
- **Diameter Tolerance:** $+0.0/-0.1\text{mm}$
- **Thickness Tolerance:** $\pm 0.2\text{mm}$
- **Chamfer:** $0.2\sim 0.5\text{mm} \times 45^\circ$
- **Coating:** see product list



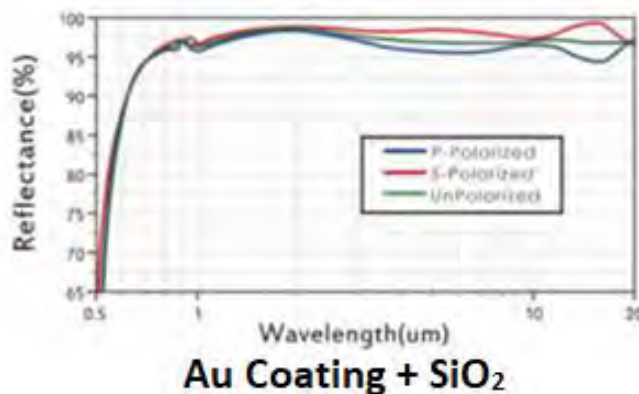
UVAl Coating + SiO₂



Al Coating + SiO₂



Ag Coating + SiO₂



Au Coating + SiO₂



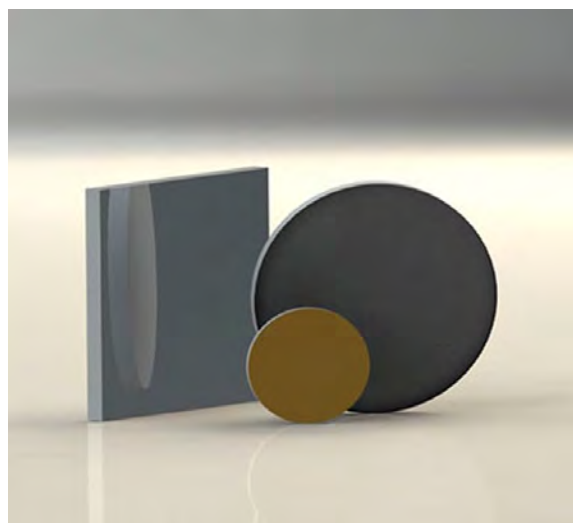
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Standard Metallic Coated H-K9L Flat Mirror

- **Material:** H-K9L
- **Surface Figure :** $\lambda/4@633\text{nm}$
- **Surface Quality:** 60-40
- **Parallelism:** $<3'$
- **Diameter Tolerance:** $+0.0/-0.1\text{mm}$
- **Thickness Tolerance:** $\pm 0.2\text{mm}$
- **Chamfer:** $0.2\sim 0.5\text{mm} \times 45^\circ$
- **Coating:** see product list



Size (mm)	Thickness (mm)	Part No.				
		Coating -none	Coating – Al	Coating – UVAL	Coating-Ag	Coating - Au
φ5.0	2.0	MIR050-20-N	MIR050-20-AL-N	MIR050-20-UVAL-N	MIR050-20-AG-N	MIR050-20-AU-N
φ6.3	2.0	MIR063-20-N	MIR063-20-AL-N	MIR063-20-UVAL-N	MIR063-20-AG-N	MIR063-20-AU-N
φ10.0	2.0	MIR0100-20-N	MIR0100-20-AL-N	MIR0100-20-UVAL-N	MIR0100-20-AG-N	MIR0100-20-AU-N
φ12.5	2.0	MIR0125-20-N	MIR0125-20-AL-N	MIR0125-20-UVAL-N	MIR0125-20-AG-N	MIR0125-20-AU-N
12.5x12.5	2.0	MIR0-125x125-20-N	MIR0-125x125-20-AL-N	MIR0-125x125-20-UVAL-N	MIR0-125x125-20-AG-N	MIR0-125x125-20-AU-N
φ15.0	2.0	MIR0150-20-N	MIR0150-20-AL-N	MIR0150-20-UVAL-N	MIR0150-20-AG-N	MIR0150-20-AU-N
φ20.0	2.0	MIR0200-20-N	MIR0200-20-AL-N	MIR0200-20-UVAL-N	MIR0200-20-AG-N	MIR0200-20-AU-N
φ20.0	4.0	MIR0200-40-N	MIR0200-40-AL-N	MIR0200-40-UVAL-N	MIR0200-40-AG-N	MIR0200-40-AU-N
φ25.0	2.0	MIR0250-20-N	MIR0250-20-AL-N	MIR0250-20-UVAL-N	MIR0250-20-AG-N	MIR0250-20-AU-N
φ25.4	4.0	MIR0254-40-N	MIR0254-40-AL-N	MIR0254-40-UVAL-N	MIR0254-40-AG-N	MIR0254-40-AU-N
25.0x25.0	2.0	MIR0-250x250-20-N	MIR0-250x250-20-AL-N	MIR0-250x250-20-UVAL-N	MIR0-250x250-20-AG-N	MIR0-250x250-20-AU-N
φ30.0	3.0	MIR0300-30-N	MIR0300-30-AL-N	MIR0300-30-UVAL-N	MIR0300-30-AG-N	MIR0300-30-AU-N
φ38.0	4.0	MIR0380-40-N	MIR0380-40-AL-N	MIR0380-40-UVAL-N	MIR0380-40-AG-N	MIR0380-40-AU-N
φ40.0	4.0	MIR0400-40-N	MIR0400-40-AL-N	MIR0400-40-UVAL-N	MIR0400-40-AG-N	MIR0400-40-AU-N
φ50.0	4.0	MIR0500-40-N	MIR0500-40-AL-N	MIR0500-40-UVAL-N	MIR0500-40-AG-N	MIR0500-40-AU-N
φ50.8	4.0	MIR0508-40-N	MIR0508-40-AL-N	MIR0508-40-UVAL-N	MIR0508-40-AG-N	MIR0508-40-AU-N
50.0x50.0	4.0	MIR0-500x500-40-N	MIR0-500x500-40-AL-N	MIR0-500x500-40-UVAL-N	MIR0-500x500-40-AG-N	MIR0-500x500-40-AU-N

Unless otherwise specified, all dimensions are in mm

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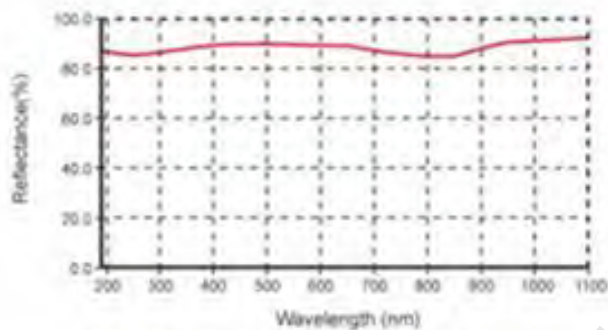
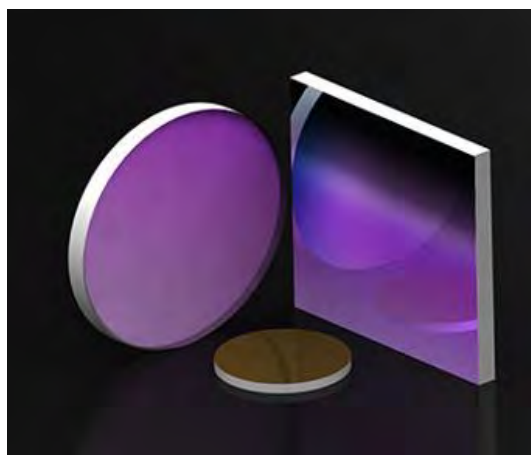
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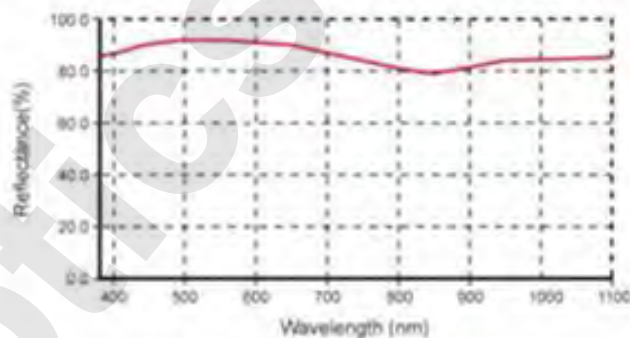


Standard Metallic Coated Fused Silica Flat Mirror

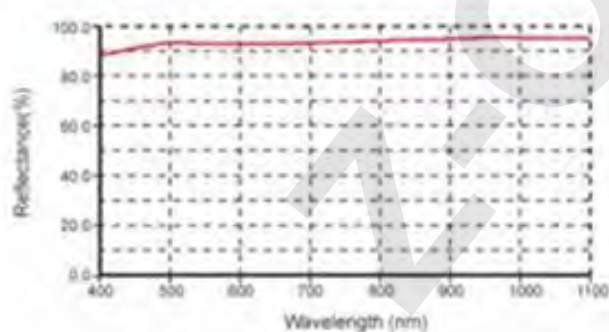
- **Material:** Fused Silica
- **Surface Figure:** $\lambda/4@633\text{nm}$
- **Surface Quality:** 60-40
- **Parallelism:** $<3'$
- **Diameter Tolerance:** $+0.0/-0.1\text{mm}$
- **Thickness Tolerance:** $\pm 0.2\text{mm}$
- **Chamfer:** $0.2\sim 0.5\text{mm}\times 45^\circ$
- **Coating:** see product list



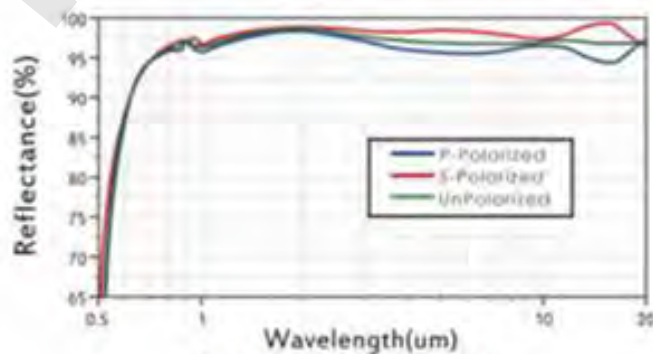
UVAl Coating + SiO₂



Al Coating + SiO₂



Ag Coating + SiO₂



Au Coating + SiO₂



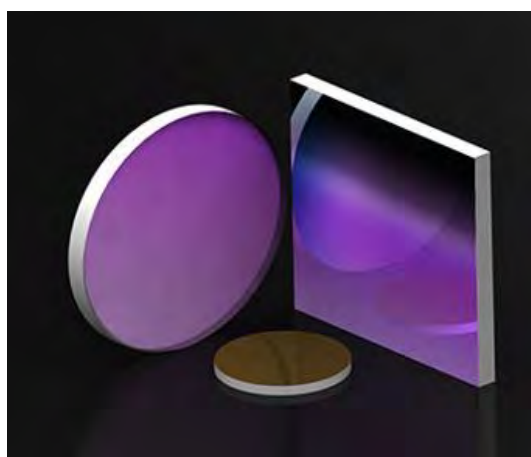
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Standard Metallic Coated Fused Silica Flat Mirror

- **Material:** Fused Silica
- **Surface Figure:** $\lambda/4@633\text{nm}$
- **Surface Quality:** 60-40
- **Parallelism:** <3'
- **Diameter Tolerance:** +0.0/-0.1mm
- **Thickness Tolerance:** $\pm 0.2\text{mm}$
- **Chamfer:** 0.2~0.5mmX45°
- **Coating:** see product list



Size (mm)	Thickne ss (mm)	Part No.				
		Coating -none	Coating – Al	Coating – UVAL	Coating-Ag	Coating - Au
φ5.0	2.0	MIR050-20-N-FS	MIR050-20-AL-N-FS	MIR050-20-UVAL-N-FS	MIR050-20-AG-N-FS	MIR050-20-AU-N-FS
φ6.3	2.0	MIR063-20-N-FS	MIR063-20-AL-N-FS	MIR063-20-UVAL-N-FS	MIR063-20-AG-N-FS	MIR063-20-AU-N-FS
φ10.0	2.0	MIR0100-20-N-FS	MIR0100-20-AL-N-FS	MIR0100-20-UVAL-N-FS	MIR0100-20-AG-N-FS	MIR0100-20-AU-N-FS
φ12.5	2.0	MIR0125-20-N-FS	MIR0125-20-AL-N-FS	MIR0125-20-UVAL-N-FS	MIR0125-20-AG-N-FS	MIR0125-20-AU-N-FS
12.5x12.5	2.0	MIRO-125x125-20-N-FS	MIRO-125x125-20-AL-N-FS	MIRO-125x125-20-UVAL-N-FS	MIRO-125x125-20-AG-N-FS	MIRO-125x125-20-AU-N-FS
φ15.0	2.0	MIR0150-20-N-FS	MIR0150-20-AL-N-FS	MIR0125x125-20-UVAL-N-FS	MIR0150-20-AG-N-FS	MIR0150-20-AU-N-FS
φ20.0	2.0	MIR0200-20-N-FS	MIR0200-20-AL-N-FS	MIR0200-20-UVAL-N-FS	MIR0200-20-AG-N-FS	MIR0200-20-AU-N-FS
φ25.0	2.0	MIR0250-20-N-FS	MIR0250-20-AL-N-FS	MIR0250-20-UVAL-N-FS	MIR0250-20-AG-N-FS	MIR0250-20-AU-N-FS
25.0x25.0	2.0	MIRO-250x250-20-N-FS	MIRO-250x250-20-AL-N-FS	MIRO-250x250-20-UVAL-N-FS	MIRO-250x250-20-AG-N-FS	MIRO-250x250-20-AU-N-FS
φ30.0	3.0	MIR0300-30-N-FS	MIR0300-30-AL-N-FS	MIR0300-30-UVAL-N-FS	MIR0300-30-AG-N-FS	MIR0300-30-AU-N-FS
φ38.0	4.0	MIR0380-40-N-FS	MIR0380-40-AL-N-FS	MIR0380-40-UVAL-N-FS	MIR0380-40-AG-N-FS	MIR0380-40-AU-N-FS
φ50.0	4.0	MIR0500-40-N-FS	MIR0500-40-AL-N-FS	MIR0500-40-UVAL-N-FS	MIR0500-40-AG-N-FS	MIR0500-40-AU-N-FS
50.0x50.0	4.0	MIRO-500x500-40-N-FS	MIRO-500x500-40-AL-N-FS	MIRO-500x500-40-UVAL-N-FS	MIRO-500x500-40-AG-N-FS	MIRO-500x500-40-AU-N-FS

Unless otherwise specified, all dimensions are in mm

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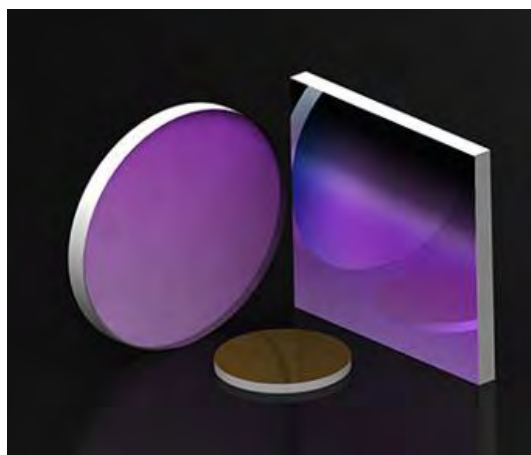
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Precise Metallic Coated H-K9L Flat Mirror

- **Material:** Material: H-K9L
- **Surface Figure :** $\lambda / 10 @ 633\text{nm}$
- **Surface Quality:** 20-10
- **Parallelism:** $< 3'$
- **Diameter Tolerance:** $+0.0/-0.1\text{mm}$
- **Thickness Tolerance:** $\pm 0.2\text{mm}$
- **Chamfer:** $0.2 \sim 0.5\text{mm} \times 45^\circ$
- **Coating:** see product list



Size (mm)	Thickness (mm)	Part No.				
		Coating -none	Coating – Al	Coating – UVAL	Coating-Ag	Coating - Au
φ5.0	2.0	MIR050-20-H	MIR050-20-AL-H	MIR050-20-UVAL-H	MIR050-20-AG-H	MIR050-20-AU-H
φ6.3	2.0	MIR063-20-H	MIR063-20-AL-H	MIR063-20-UVAL-H	MIR063-20-AG-H	MIR063-20-AU-H
φ10.0	2.0	MIR0100-20-H	MIR0100-20-AL-H	MIR0100-20-UVAL-H	MIR0100-20-AG-H	MIR0100-20-AU-H
φ12.5	6.0	MIR0125-60-H	MIR0125-60-AL-H	MIR0125-60-UVAL-H	MIR0125-60-AG-H	MIR0125-60-AU-H
12.5x12.5	6.0	MIRO-125X125-60-H	MIRO-125X125-60-AL-H	MIRO-125X125-60-UVAL-H	MIRO-125X125-60-AG-H	MIRO-125X125-60-AU-H
φ15.0	6.0	MIR0150-60-H	MIR0150-60-AL-H	MIR0150-60-UVAL-H	MIR0150-60-AG-H	MIR0150-60-AU-H
φ20.0	6.0	MIR0200-60-H	MIR0200-60-AL-H	MIR0200-60-UVAL-H	MIR0200-60-AG-H	MIR0200-60-AU-H
φ25.0	6.0	MIR0250-60-H	MIR0250-60-AL-H	MIR0250-60-UVAL-H	MIR0250-60-AG-H	MIR0250-60-AU-H
25.0x25.0	6.0	MIRO-250X250-60-H	MIRO-250X250-60-AL-H	MIRO-250X250-60-UVAL-H	MIRO-250X250-60-AG-H	MIRO-250X250-60-AU-H
φ30.0	10.0	MIR0300-100-H	MIR0300-100-AL-H	MIR0300-100-UVAL-H	MIR0300-100-AG-H	MIR0300-100-AU-H
φ38.0	10.0	MIR0380-100-H	MIR0380-100-AL-H	MIR0380-100-UVAL-H	MIR0380-100-AG-H	MIR0380-100-AU-H
φ50.0	10.0	MIR0500-100-H	MIR0500-100-AL-H	MIR0500-100-UVAL-H	MIR0500-100-AG-H	MIR0500-100-AU-H
50.0x50.0	10.0	MIRO-500X500-100-H	MIRO-500X500-100-AL-H	MIRO-500X500-100-UVAL-H	MIRO-500X500-100-AG-H	MIRO-500X500-100-AU-H

Unless otherwise specified, all dimensions are in mm



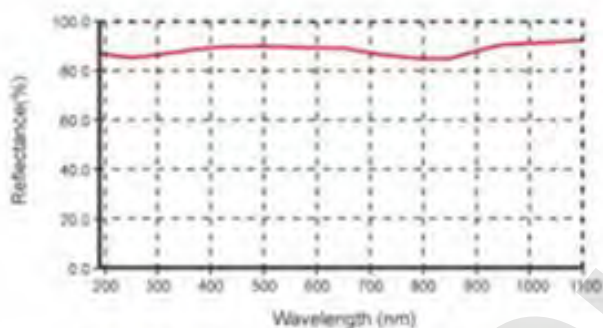
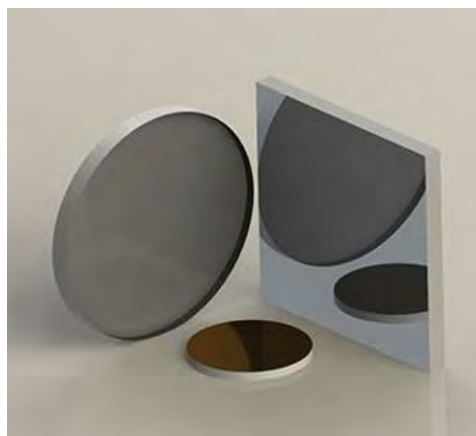
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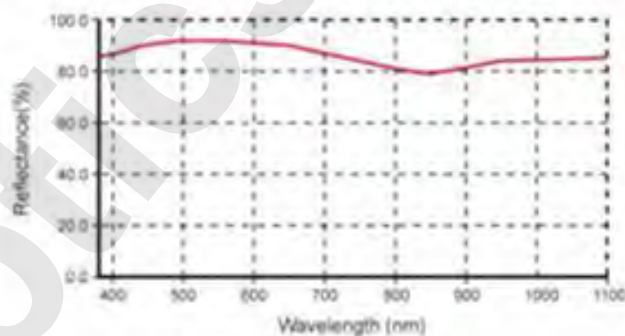
sales@z-optics.com

Precise Metallic Coated Fused Silica Flat Mirror

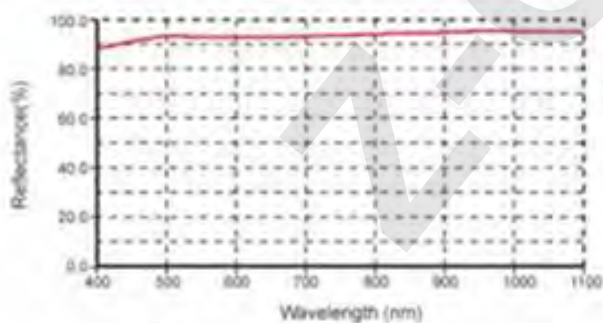
- **Material:** Fused Silica
- **Surface Figure :** $\lambda/10@633\text{nm}$
- **Surface Quality:** 20-10
- **Parallelism:** $<3'$
- **Diameter Tolerance:** $+0.0/-0.1\text{mm}$
- **Thickness Tolerance:** $\pm 0.2\text{mm}$
- **Chamfer:** $0.2\sim 0.5\text{mm} \times 45^\circ$
- **Coating:** see product list



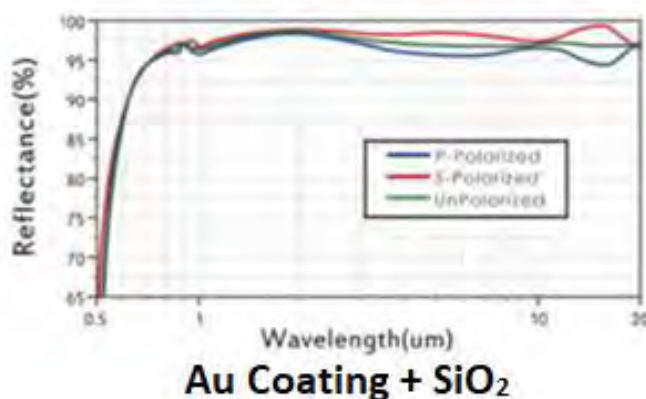
UVAl Coating + SiO₂



Al Coating + SiO₂



Ag Coating + SiO₂



Au Coating + SiO₂



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Tel: +86-577-8181-0885

sales@z-optics.com

Precise Metallic Coated Fused Silica Flat Mirror

Size (mm)	Thickness (mm)	Part No.				
		Coating -none	Coating – Al	Coating – UVAI	Coating-Ag	Coating - Au
φ5.0	2.0	MIR050-20-H-FS	MIR050-20-AL-H-FS	MIR050-20-UVAL-H-FS	MIR050-20-AG-H-FS	MIR050-20-AU-H-FS
φ6.3	2.0	MIR063-20-H-FS	MIR063-20-AL-H-FS	MIR063-20-UVAL-H-FS	MIR063-20-AG-H-FS	MIR063-20-AU-H-FS
φ10.0	2.0	MIR0100-20-H-FS	MIR0100-20-AL-H-FS	MIR0100-20-UVAL-H-FS	MIR0100-20-AG-H-FS	MIR0100-20-AU-H-FS
φ12.5	6.0	MIR0125-60-H-FS	MIR0125-60-AL-H-FS	MIR0125-60-UVAL-H-FS	MIR0125-60-AG-H-FS	MIR0125-60-AU-H-FS
12.5x12.5	6.0	MIRO-125x125-60-H-FS	MIRO-125x125-60-AL-H-FS	MIRO-125x125-60-UVAL-H-FS	MIRO-125x125-60-AG-H-FS	MIRO-125x125-60-AU-H-FS
φ20.0	6.0	MIR0200-60-H-FS	MIR0200-60-AL-H-FS	MIR0200-60-UVAL-H-FS	MIR0200-60-AG-H-FS	MIR0200-60-AU-H-FS
φ25.0	6.0	MIR0250-60-H-FS	MIR0250-60-AL-H-FS	MIR0250-60-UVAL-H-FS	MIR0250-60-AG-H-FS	MIR0250-60-AU-H-FS
25.0x25.0	6.0	MIRO-250x250-60-H-FS	MIRO-250x250-60-AL-H-FS	MIRO-250x250-60-UVAL-H-FS	MIRO-250x250-60-AG-H-FS	MIRO-250x250-60-AU-H-FS
φ30.0	10.0	MIR0300-100-H-FS	MIR0300-100-AL-H-FS	MIR0300-100-UVAL-H-FS	MIR0300-100-AG-H-FS	MIR0300-100-AU-H-FS
φ38.0	10.0	MIR0380-100-H-FS	MIR0380-100-AL-H-FS	MIR0380-100-UVAL-H-FS	MIR0380-100-AG-H-FS	MIR0380-100-AU-H-FS
φ50.0	10.0	MIR0500-100-H-FS	MIR0500-100-AL-H-FS	MIR0500-100-UVAL-H-FS	MIR0500-100-AG-H-FS	MIR0500-100-AU-H-FS
50.0x50.0	10.0	MIRO-500x500-100-H-FS	MIRO-500x500-100-AL-H-FS	MIRO-500x500-100-UVAL-H-FS	MIRO-500x500-100-AG-H-FS	MIRO-500x500-100-AU-H-FS

Unless otherwise specified, all dimensions are in mm



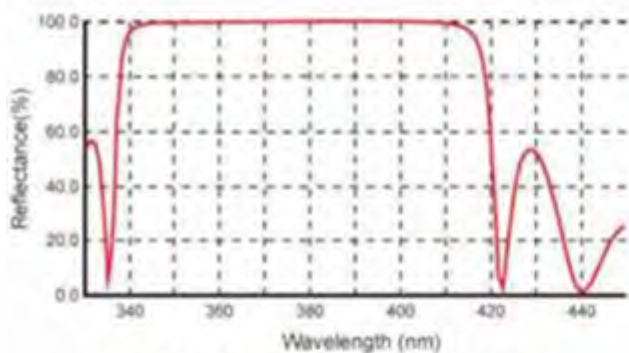
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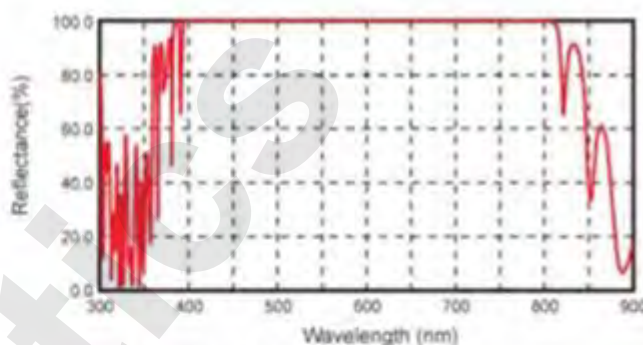
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Precise Broadband Dielectric Coated Fused Silica Flat Mirror

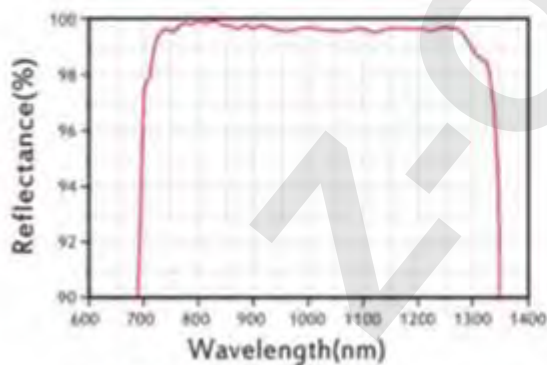
- **Material:** Fused Silica
- **Surface Figure :** $\lambda/10@633\text{nm}$
- **Surface Quality:** 20-10
- **Parallelism:** $<3'$
- **Diameter Tolerance:** $+0.0/-0.1\text{mm}$
- **Thickness Tolerance:** $\pm 0.2\text{mm}$
- **Chamfer:** $0.2\sim 0.5\text{mm}\times 45^\circ$
- **Coating:** see product list



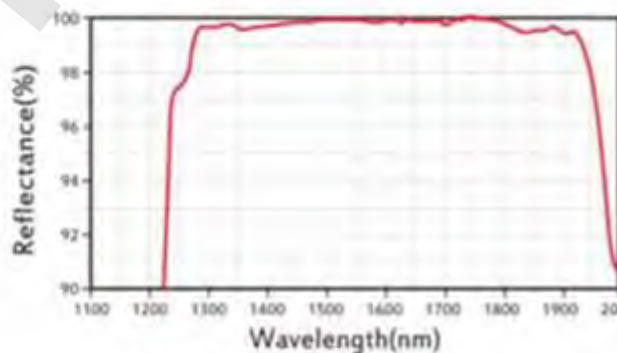
**D01--0° HR dielectric Coating
@350-400nm**



**D02--0° HR dielectric Coating
@400-800nm**



**D03--0° HR dielectric Coating
@750-1250nm**



**D04--0° HR dielectric Coating
@1200-1800nm**



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Precise Broadband Dielectric Coated Fused Silica Flat Mirror

Dia. (mm)	Thickness (mm)	Part No.			
		Coating –D01	Coating – D02	Coating – D03	Coating-D04
φ5.0	2.0	MIR050-20-D01-H-FS	MIR050-20-D02-H-FS	MIR050-20-D03-H-FS	MIR050-20-D04-H-FS
φ6.3	2.0	MIR063-20-D01-H-FS	MIR063-20-D02-H-FS	MIR063-20-D03-H-FS	MIR063-20-D04-H-FS
φ10.0	2.0	MIR0100-20-D01-H-FS	MIR0100-20-D02-H-FS	MIR0100-20-D03-H-FS	MIR0100-20-D04-H-FS
φ12.5	6.0	MIR0125-60-D01-H-FS	MIR0125-60-D02-H-FS	MIR0125-60-D03-H-FS	MIR0125-60-D04-H-FS
12.5x12.5	6.0	MIR0-125x125-60-D01-H-FS	MIR0-125x125-60-D02-H-FS	MIR0-125x125-60-D03-H-FS	MIR0-125x125-60-D04-H-FS
φ20.0	6.0	MIR0200-60-D01-H-FS	MIR0200-60-D02-H-FS	MIR0200-60-D03-H-FS	MIR0200-60-D04-H-FS
φ25.0	6.0	MIR0250-60-D01-H-FS	MIR0250-60-D02-H-FS	MIR0250-60-D03-H-FS	MIR0250-60-D04-H-FS
25.0x25.0	6.0	MIR0-250x250-60-D01-H-FS	MIR0-250x250-60-D02-H-FS	MIR0-250x250-60-D03-H-FS	MIR0-250x250-60-D04-H-FS
φ30.0	10.0	MIR0300-100-D01-H-FS	MIR0300-100-D02-H-FS	MIR0300-100-D03-H-FS	MIR0300-100-D04-H-FS
φ38.0	10.0	MIR0380-100-D01-H-FS	MIR0380-100-D02-H-FS	MIR0380-100-D03-H-FS	MIR0380-100-D04-H-FS
φ50.0	10.0	MIR0500-100-D01-H-FS	MIR0500-100-D02-H-FS	MIR0500-100-D03-H-FS	MIR0500-100-D04-H-FS
50.0x50.0	10.0	MIR0-500x500-100-D01-H-FS	MIR0-500x500-100-D02-H-FS	MIR0-500x500-100-D03-H-FS	MIR0-500x500-100-D04-H-FS

Unless otherwise specified, all dimensions are in mm



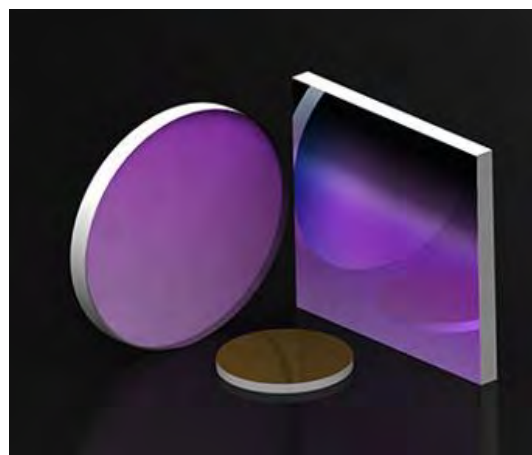
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0~45° Incidence Broadband Dielectric Coated H-K9L Flat Mirror

- **Material:** H-K9L
- **Surface Figure:** $\lambda/4$ @632.8nm
- **Surface quality:** 60/40
- **Thickness Tolerance:** ± 0.2 mm
- **Clear Aperture:** >90%
- **Chamfer:** <0.5mmx45°
- **S1:** Dielectric HR Ravg>99.5% @ 0-45° incidence
- **S2:** Ground or Polished
- **Damage Threshold:** >1J/cm², 20ns, 20Hz, @1064nm



Part No.	Material	Diameter (mm)	Thickness (mm)	Angle of Incidence (°)	Wavelength
MIR1127-30-34	H-K9L	12.7	3.0	0-45	350-400
MIR1254-63R5-34	H-K9L	25.4	6.35	0-45	350-400
MIR1508-63R5-34	H-K9L	50.8	6.35	0-45	350-400
MIR1127-30-47	H-K9L	12.7	3.0	0-45	450-700
MIR1254-63R5-47	H-K9L	25.4	6.35	0-45	450-700
MIR1508-63R5-47	H-K9L	50.8	6.35	0-45	450-700
MIR1127-30-47	H-K9L	12.7	3.0	0-45	450-700
MIR1254-63R5-47	H-K9L	25.4	6.35	0-45	450-700
MIR1508-63R5-47	H-K9L	50.8	6.35	0-45	450-700
MIR1127-30-69	H-K9L	12.7	3.0	0-45	670-905
MIR1254-63R5-69	H-K9L	25.4	6.35	0-45	670-905
MIR1508-63R5-69	H-K9L	50.8	6.35	0-45	670-905
MIR1127-30-711	H-K9L	12.7	3.0	0-45	750-1100
MIR1254-63R5-711	H-K9L	25.4	6.35	0-45	750-1100
MIR1508-63R5-711	H-K9L	50.8	6.35	0-45	750-1100
MIR1127-30-1216	H-K9L	12.7	3.0	0-45	1280-1600
MIR1254-63R5-1216	H-K9L	25.4	6.35	0-45	1280-1600
MIR1508-63R5-1216	H-K9L	50.8	6.35	0-45	1280-1600
MIR1127-30-1415	H-K9L	12.7	3.0	0-45	1480-1550
MIR1254-63R5-1415	H-K9L	25.4	6.35	0-45	1480-1550
MIR1508-63R5-1415	H-K9L	50.8	6.35	0-45	1480-1550

Unless otherwise specified, all dimensions are in mm

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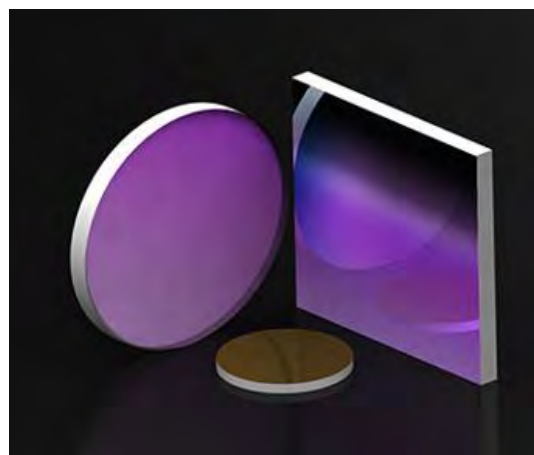
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0~45° Incidence Broadband Dielectric Coated Fused Silica Flat Mirror

- **Material:** Fused Silica
- **Surface Figure:** $\lambda/4$ @632.8nm
- **Surface quality:** 60/40
- **Thickness Tolerance:** ± 0.2 mm
- **Clear Aperture:** >90%
- **Chamfer:** <0.5mmx45°
- **S1:** Dielectric HR Ravg>99.5% @ 0-45° incidence
- **S2:** Ground or Polished
- **Damage Threshold:** >1J/cm², 20ns, 20Hz, @1064nm



Part No.	Material	Diameter (mm)	Thickness (mm)	Angle of Incidence (°)	Wavelength
MIR1127-30-34-FS	Fused Silica	12.7	3.0	0-45	350-400
MIR1254-63R5-34-FS	Fused Silica	25.4	6.35	0-45	350-400
MIR1508-63R5-34-FS	Fused Silica	50.8	6.35	0-45	350-400
MIR1127-30-47-FS	Fused Silica	12.7	3.0	0-45	450-700
MIR1254-63R5-47-FS	Fused Silica	25.4	6.35	0-45	450-700
MIR1508-63R5-47-FS	Fused Silica	50.8	6.35	0-45	450-700
MIR1127-30-69-FS	Fused Silica	12.7	3.0	0-45	670-905
MIR1254-63R5-69-FS	Fused Silica	25.4	6.35	0-45	670-905
MIR1508-63R5-69-FS	Fused Silica	50.8	6.35	0-45	670-905
MIR1127-30-711-FS	Fused Silica	12.7	3.0	0-45	750-1100
MIR1254-63R5-711-FS	Fused Silica	25.4	6.35	0-45	750-1100
MIR1508-63R5-711-FS	Fused Silica	50.8	6.35	0-45	750-1100
MIR1127-30-1415-FS	Fused Silica	12.7	3.0	0-45	1480-1550
MIR1254-63R5-1415-FS	Fused Silica	25.4	6.35	0-45	1480-1550
MIR1508-63R5-1415-FS	Fused Silica	50.8	6.35	0-45	1480-1550

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Laser Line Flat Mirror

- **Material:** H-K9L
- **Surface Figure:** $<\lambda/10@632.8\text{nm}$
- **Surface quality:** 60/40
- **Thickness Tolerance:** $\pm 0.2\text{mm}$
- **Diameter Tolerance:** $+0.0/-0.2\text{mm}$
- **S1:** Dielectric HR Ravg $>99.5\%$
- **S2:** Ground or Polished
- **Damage Threshold:** $>5\text{J}/\text{cm}^2$, 20ns, 20Hz, @1064nm

Part No.				Material	Angle of incidence (°)	Wavelength
$\phi 12.7*3.0\text{mm}$	$\phi 20.0*5.0\text{mm}$	$\phi 25.4*6.35\text{mm}$	$\phi 50.8*6.35\text{mm}$			
MIR4127-30-260-0	MIR4200-50-260-0	MIR4254-63R5-260-0	MIR4508-63R5-260-0	K9	0	260-270
MIR4127-30-260-1	MIR4200-50-260-1	MIR4254-63R5-260-1	MIR4508-63R5-260-1	K9	45	260-270
MIR4127-30-350-0	MIR4200-50-350-0	MIR4254-63R5-350-0	MIR4508-63R5-350-0	K9	0	350-360
MIR4127-30-350-1	MIR4200-50-350-1	MIR4254-63R5-350-1	MIR4508-63R5-350-1	K9	45	350-360
MIR4127-30-397-0	MIR4200-50-397-0	MIR4254-63R5-397-0	MIR4508-63R5-397-0	K9	0	397-405
MIR4127-30-397-1	MIR4200-50-397-1	MIR4254-63R5-397-1	MIR4508-63R5-397-1	K9	45	397-405
MIR4127-30-488-0	MIR4200-50-488-0	MIR4254-63R5-488-0	MIR4508-63R5-488-0	K9	0	488-515
MIR4127-30-488-1	MIR4200-50-488-1	MIR4254-63R5-488-1	MIR4508-63R5-488-1	K9	45	488-515
MIR4127-30-527-0	MIR4200-50-527-0	MIR4254-63R5-527-0	MIR4508-63R5-527-0	K9	0	527-532
MIR4127-30-527-1	MIR4200-50-527-1	MIR4254-63R5-527-1	MIR4508-63R5-527-1	K9	45	527-532
MIR4127-30-633-0	MIR4200-50-633-0	MIR4254-63R5-633-0	MIR4508-63R5-633-0	K9	0	633-660
MIR4127-30-633-1	MIR4200-50-633-1	MIR4254-63R5-633-1	MIR4508-63R5-633-1	K9	45	633-660
MIR4127-30-780-0	MIR4200-50-780-0	MIR4254-63R5-780-0	MIR4508-63R5-780-0	K9	0	780
MIR4127-30-780-1	MIR4200-50-780-1	MIR4254-63R6-780-1	MIR4508-63R6-780-1	K9	45	780
MIR4127-30-850-0	MIR4200-50-850-0	MIR4254-63R7-850-0	MIR4508-63R7-850-0	K9	0	850
MIR4127-30-850-1	MIR4200-50-850-1	MIR4254-63R8-850-1	MIR4508-63R8-850-1	K9	45	850
MIR4127-30-1028-0	MIR4200-50-1028-0	MIR4254-63R9-1028-0	MIR4508-63R9-1028-0	K9	0	1028-1030
MIR4127-30-1028-1	MIR4200-50-1028-1	MIR4254-63R10-1028-1	MIR4508-63R10-1028-1	K9	45	1028-1030
MIR4127-30-1047-0	MIR4200-50-1047-0	MIR4254-63R11-1047-0	MIR4508-63R11-1047-0	K9	0	1047-1064
MIR4127-30-1047-1	MIR4200-50-1047-1	MIR4254-63R12-1047-1	MIR4508-63R12-1047-1	K9	45	1047-1064
MIR4127-30-1310-0	MIR4200-50-1310-0	MIR4254-63R13-1310-0	MIR4508-63R13-1310-0	K9	0	1310
MIR4127-30-1310-1	MIR4200-50-1310-1	MIR4254-63R14-1310-1	MIR4508-63R14-1310-1	K9	45	1310
MIR4127-30-1520-0	MIR4200-50-1520-0	MIR4254-63R15-1520-0	MIR4508-63R15-1520-0	K9	0	1520-1570
MIR4127-30-1520-1	MIR4200-50-1520-1	MIR4254-63R16-1520-1	MIR4508-63R16-1520-1	K9	45	1520-1570

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NdYAG, Ar Laser Line Flat Mirror

- **Material:** Fused Silica
- **Surface Figure :** $\lambda/10@633\text{nm}$
- **Surface Quality:** 20-10
- **Parallelism:** $<3'$
- **Diameter Tolerance:** $+0.0/-0.1\text{mm}$
- **Thickness Tolerance:** $\pm 0.2\text{mm}$
- **Chamfer:** $0.2\sim 0.5\text{mm} \times 45^\circ$
- **Coating:** see product list



The laser mirror produced by our company adopts low scattering high-quality fused silica, with tens of layers dielectric coating, providing extremely high reflectivity at the specified wavelength. The mirror can be widely used in many lasers.

YAG laser mirror

Part No.	Diameter (mm)	Thickness (mm)	Wavelength (nm)	Angle of incidence	Reflectivity	Damage Threshold (10ns pulse)
MIR4125-60-266-0-FS	12.5	6.0	YAG-266nm	0°	$R_{\text{avg}} > 99.5\%$	$> 3\text{J}/\text{cm}^2$
MIR4125-60-266-1-FS	12.5	6.0	YAG-266nm	45°	$R_{\text{avg}} > 99.5\%$	$> 3\text{J}/\text{cm}^2$
MIR4125-60-355-0-FS	12.5	6.0	YAG-355nm	0°	$R_{\text{avg}} > 99.5\%$	$> 3\text{J}/\text{cm}^2$
MIR4125-60-355-1-FS	12.5	6.0	YAG-355nm	45°	$R_{\text{avg}} > 99.5\%$	$> 3\text{J}/\text{cm}^2$
MIR4125-60-532-0-FS	12.5	6.0	YAG-532nm	0°	$R_{\text{avg}} > 99.5\%$	$> 3\text{J}/\text{cm}^2$
MIR4125-60-532-1-FS	12.5	6.0	YAG-532nm	45°	$R_{\text{avg}} > 99.5\%$	$> 3\text{J}/\text{cm}^2$
MIR4125-60-1064-0-FS	12.5	6.0	YAG-1064nm	0°	$R_{\text{avg}} > 99.5\%$	$> 3\text{J}/\text{cm}^2$
MIR4125-60-1064-1-FS	12.5	6.0	YAG-1064nm	45°	$R_{\text{avg}} > 99.5\%$	$> 3\text{J}/\text{cm}^2$
MIR4250-60-266-0-FS	25.0	6.0	YAG-266nm	0°	$R_{\text{avg}} > 99.5\%$	$> 3\text{J}/\text{cm}^2$
MIR4250-60-266-1-FS	25.0	6.0	YAG-266nm	45°	$R_{\text{avg}} > 99.5\%$	$> 3\text{J}/\text{cm}^2$
MIR4250-60-355-0-FS	25.0	6.0	YAG-355nm	0°	$R_{\text{avg}} > 99.5\%$	$> 3\text{J}/\text{cm}^2$
MIR4250-60-355-1-FS	25.0	6.0	YAG-355nm	45°	$R_{\text{avg}} > 99.5\%$	$> 3\text{J}/\text{cm}^2$
MIR4250-60-532-0-FS	25.0	6.0	YAG-532nm	0°	$R_{\text{avg}} > 99.5\%$	$> 3\text{J}/\text{cm}^2$
MIR4250-60-532-1-FS	25.0	6.0	YAG-532nm	45°	$R_{\text{avg}} > 99.5\%$	$> 3\text{J}/\text{cm}^2$
MIR4250-60-1064-0-FS	25.0	6.0	YAG-1064nm	0°	$R_{\text{avg}} > 99.5\%$	$> 3\text{J}/\text{cm}^2$
MIR4250-60-1064-1-FS	25.0	6.0	YAG-1064nm	45°	$R_{\text{avg}} > 99.5\%$	$> 3\text{J}/\text{cm}^2$
MIR4500-100-266-0-FS	50.0	10.0	YAG-266nm	0°	$R_{\text{avg}} > 99.5\%$	$> 3\text{J}/\text{cm}^2$
MIR4500-100-266-1-FS	50.0	10.0	YAG-266nm	45°	$R_{\text{avg}} > 99.5\%$	$> 3\text{J}/\text{cm}^2$
MIR4500-100-355-0-FS	50.0	10.0	YAG-355nm	0°	$R_{\text{avg}} > 99.5\%$	$> 3\text{J}/\text{cm}^2$
MIR4500-100-355-1-FS	50.0	10.0	YAG-355nm	45°	$R_{\text{avg}} > 99.5\%$	$> 3\text{J}/\text{cm}^2$
MIR4500-100-532-0-FS	50.0	10.0	YAG-532nm	0°	$R_{\text{avg}} > 99.5\%$	$> 3\text{J}/\text{cm}^2$
MIR4500-100-532-1-FS	50.0	10.0	YAG-532nm	45°	$R_{\text{avg}} > 99.5\%$	$> 3\text{J}/\text{cm}^2$
MIR4500-100-532-0-FS	50.0	10.0	YAG-532nm	0°	$R_{\text{avg}} > 99.5\%$	$> 3\text{J}/\text{cm}^2$
MIR4500-100-532-1-FS	50.0	10.0	YAG-532nm	45°	$R_{\text{avg}} > 99.5\%$	$> 3\text{J}/\text{cm}^2$

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NdYAG, Ar Laser Line Flat Mirror

- **Material:** Fused Silica
- **Surface Figure :** $\lambda/10@633\text{nm}$
- **Surface Quality:** 20-10
- **Parallelism:** $<3'$
- **Diameter Tolerance:** $+0.0/-0.1\text{mm}$
- **Thickness Tolerance:** $\pm 0.2\text{mm}$
- **Chamfer:** $0.2\sim 0.5\text{mm} \times 45^\circ$
- **Coating:** see product list



Hydrogen ion laser mirror

Part No.	Diameter (mm)	Thickness (mm)	Wavelength (nm)	Angle of incidence	Reflectivity	Damage Threshold (CW)
MIR4125-60-244-0-FS	12.5	6.0	244-257nm	0°	$R_{\text{avg}} > 99.5\%$	$> 1\text{KW}/\text{cm}^2$
MIR4125-60-244-1-FS	12.5	6.0	244-257nm	45°	$R_{\text{avg}} > 99.5\%$	$> 1\text{KW}/\text{cm}^2$
MIR4125-60-300-0-FS	12.5	6.0	300-308nm	0°	$R_{\text{avg}} > 99.5\%$	$> 1\text{KW}/\text{cm}^2$
MIR4125-60-300-1-FS	12.5	6.0	300-308nm	45°	$R_{\text{avg}} > 99.5\%$	$> 1\text{KW}/\text{cm}^2$
MIR4125-60-351-0-FS	12.5	6.0	351-364nm	0°	$R_{\text{avg}} > 99.5\%$	$> 1\text{KW}/\text{cm}^2$
MIR4125-60-351-1-FS	12.5	6.0	351-364nm	45°	$R_{\text{avg}} > 99.5\%$	$> 1\text{KW}/\text{cm}^2$
MIR4125-60-458-0-FS	12.5	6.0	458-528nm	0°	$R_{\text{avg}} > 99.5\%$	$> 1\text{KW}/\text{cm}^2$
MIR4125-60-458-1-FS	12.5	6.0	458-528nm	45°	$R_{\text{avg}} > 99.5\%$	$> 1\text{KW}/\text{cm}^2$
MIR4250-60-244-0-FS	25.0	6.0	244-257nm	0°	$R_{\text{avg}} > 99.5\%$	$> 1\text{KW}/\text{cm}^2$
MIR4250-60-244-1-FS	25.0	6.0	244-257nm	45°	$R_{\text{avg}} > 99.5\%$	$> 1\text{KW}/\text{cm}^2$
MIR4250-60-300-0-FS	25.0	6.0	300-308nm	0°	$R_{\text{avg}} > 99.5\%$	$> 1\text{KW}/\text{cm}^2$
MIR4250-60-300-1-FS	25.0	6.0	300-308nm	45°	$R_{\text{avg}} > 99.5\%$	$> 1\text{KW}/\text{cm}^2$
MIR4250-60-351-0-FS	25.0	6.0	351-364nm	0°	$R_{\text{avg}} > 99.5\%$	$> 1\text{KW}/\text{cm}^2$
MIR4250-60-351-1-FS	25.0	6.0	351-364nm	45°	$R_{\text{avg}} > 99.5\%$	$> 1\text{KW}/\text{cm}^2$
MIR4250-60-458-0-FS	25.0	6.0	458-528nm	0°	$R_{\text{avg}} > 99.5\%$	$> 1\text{KW}/\text{cm}^2$
MIR4250-60-458-1-FS	25.0	6.0	458-528nm	45°	$R_{\text{avg}} > 99.5\%$	$> 1\text{KW}/\text{cm}^2$
MIR4500-100-244-0-FS	50.0	10.0	244-257nm	0°	$R_{\text{avg}} > 99.5\%$	$> 1\text{KW}/\text{cm}^2$
MIR4500-100-244-1-FS	50.0	10.0	244-257nm	45°	$R_{\text{avg}} > 99.5\%$	$> 1\text{KW}/\text{cm}^2$
MIR4500-100-300-0-FS	50.0	10.0	300-308nm	0°	$R_{\text{avg}} > 99.5\%$	$> 1\text{KW}/\text{cm}^2$
MIR4500-100-300-1-FS	50.0	10.0	300-308nm	45°	$R_{\text{avg}} > 99.5\%$	$> 1\text{KW}/\text{cm}^2$
MIR4500-100-351-0-FS	50.0	10.0	351-364nm	0°	$R_{\text{avg}} > 99.5\%$	$> 1\text{KW}/\text{cm}^2$
MIR4500-100-351-1-FS	50.0	10.0	351-364nm	45°	$R_{\text{avg}} > 99.5\%$	$> 1\text{KW}/\text{cm}^2$

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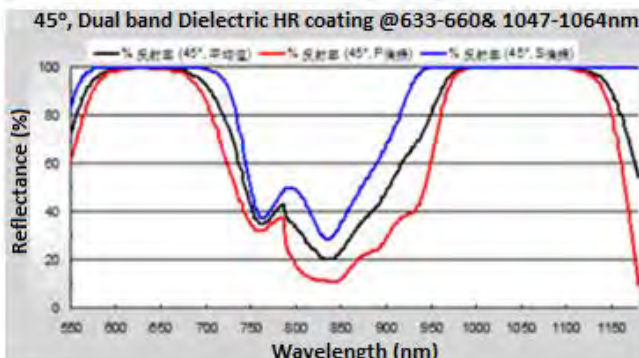
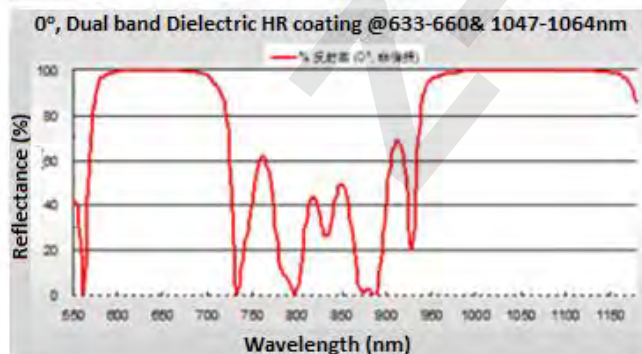
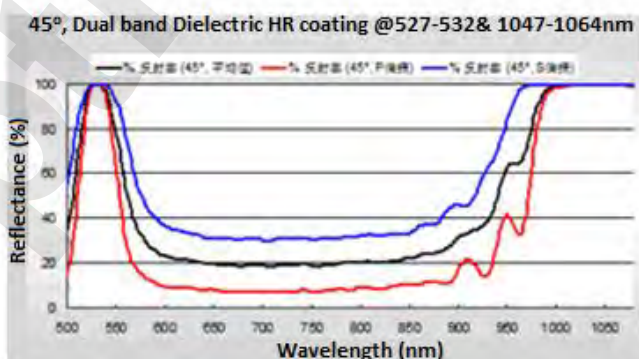
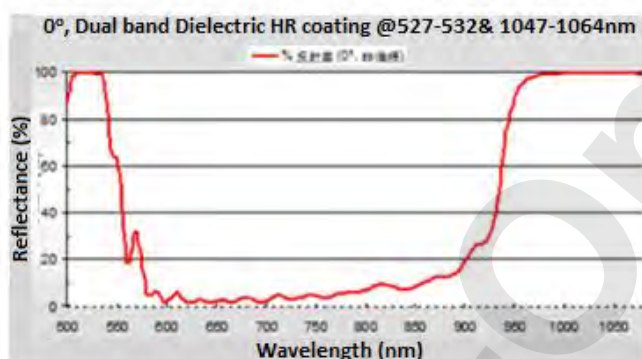
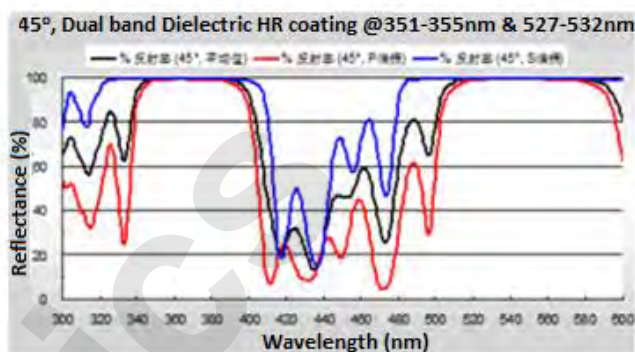
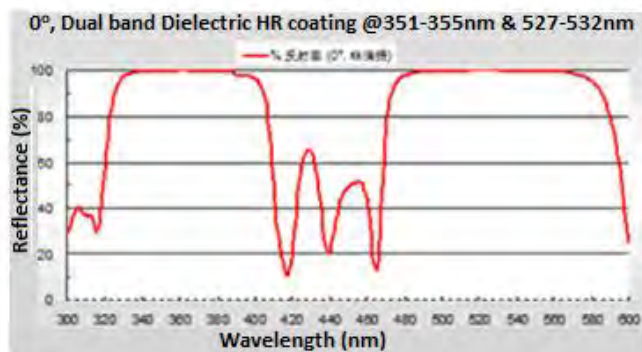
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Dual Wavelength Laser Line Flat Mirror

- **Material:** H-K9L
- **Surface Figure:** $<\lambda/10@632.8\text{nm}$
- **Surface quality:** 60/40
- **Dimension Tolerance:** $+0.0/-0.2\text{mm}$
- **Thickness Tolerance:** $\pm 0.2\text{mm}$
- **Chamfer:** $<0.5\text{mm}\times 45^\circ$
- **Damage Threshold:** $>5\text{J}/\text{cm}^2$, 20ns, 20Hz, @1064nm



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Dual Wavelength Laser Line Flat Mirror

- **Material:** H-K9L
- **Surface Figure:** $<\lambda/10@632.8\text{nm}$
- **Surface quality:** 60/40
- **Dimension Tolerance:** +0.0/-0.2mm
- **Thickness Tolerance:** $\pm 0.2\text{mm}$
- **Chamfer:** $<0.5\text{mm} \times 45^\circ$
- **Damage Threshold:** $>5\text{J}/\text{cm}^2$, 20ns, 20Hz, @1064nm

Part no.				Material incidence	Angle of incidence (°)	Wavelength
$\phi 12.7 \times 3.0\text{mm}$	$\Phi 20.0 \times 5.0\text{mm}$	$\Phi 25.4 \times 6.35\text{mm}$	$\Phi 50.8 \times 6.35\text{mm}$			
MIR5127-30-515-0	MIR5200-50-515-0	MIR5254-63R5-515-0	MIR5508-63R5-515-0	K9	0	515-532 & 1047-1064
MIR5127-30-515-1	MIR5200-50-515-1	MIR5254-63R6-515-1	MIR5508-63R6-515-1	K9	45	515-532 & 1047-1064
MIR5127-30-351-0	MIR5200-50-351-0	MIR5254-63R7-351-0	MIR5508-63R7-351-0	K9	0	351-355 & 515-532
MIR5127-30-351-1	MIR5200-50-351-1	MIR5254-63R8-351-1	MIR5508-63R8-351-1	K9	45	351-355 & 515-532
MIR5127-30-633-0	MIR5200-50-633-0	MIR5254-63R9-633-0	MIR5508-63R9-633-0	K9	0	633-660 & 1028-1080
MIR5127-30-633-1	MIR5200-50-633-1	MIR5254-63R10-633-1	MIR5508-63R10-633-1	K9	45	633-660 & 1028-1080

Unless otherwise specified, all dimensions are in mm



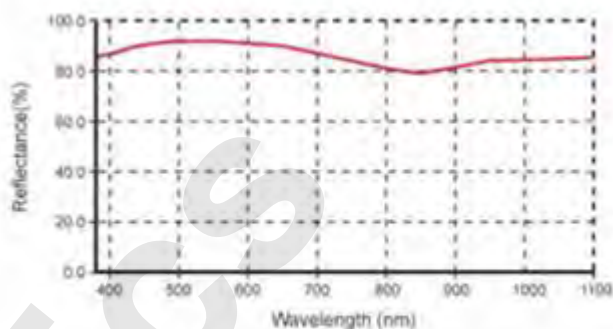
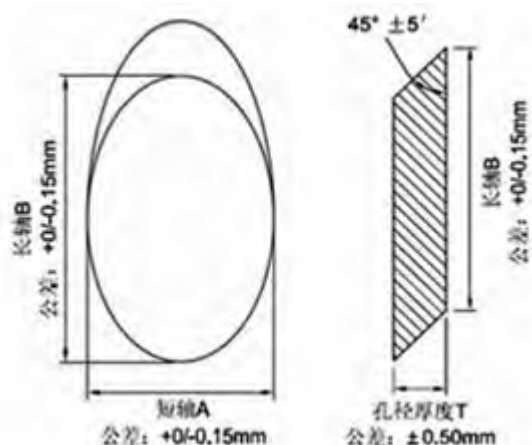
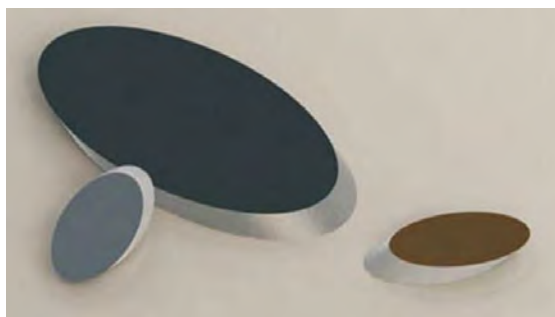
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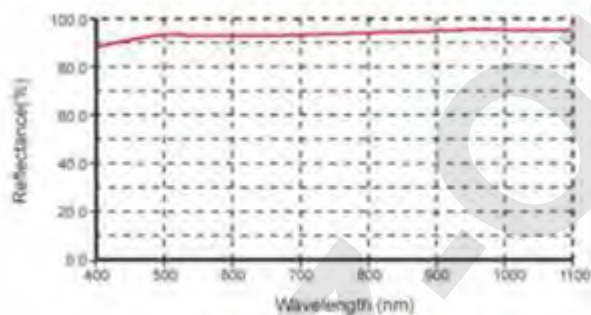
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0° Ellipse Shape Flat Mirror

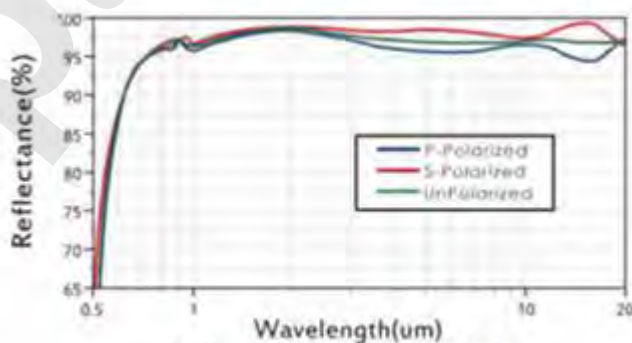
- **Material:** H-K9L
- **Surface Figure :** $1\lambda@633\text{nm}$
- **Surface Quality:** 20-10
- **Parallelism:** $<1'$
- **Diameter Tolerance:** $+0.0/-0.2\text{mm}$
- **Thickness Tolerance:** $\pm 0.5\text{mm}$
- **Chamfer:** $0.2\sim 0.5\text{mm}\times 45^\circ$



Al Coating + SiO₂



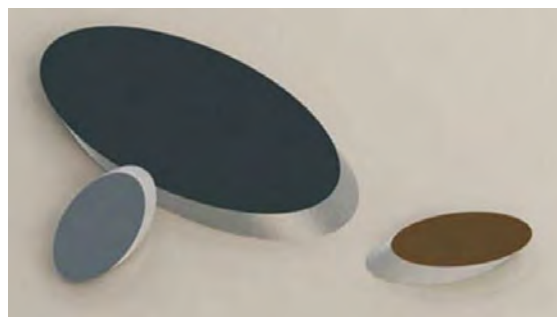
AG Coating + SiO₂



AU Coating + SiO₂



0° Ellipse Shape Flat Mirror



- **Material:** H-K9L
- **Surface Figure :** $1\lambda@633\text{nm}$
- **Surface Quality:** 20-10
- **Parallelism:** $<1'$
- **Diameter Tolerance:** $+0.0/-0.2\text{mm}$
- **Thickness Tolerance:** $\pm 0.5\text{mm}$
- **Chamfer:** $0.2\sim 0.5\text{mm}\times 45^\circ$

Short Axis A (mm)	Short Axis B (mm)	Thickness (mm)	Part No.			
			Coating- none	Coating- AL	Coating- AG	Coating- AU
12.50	17.68	6	MIR2125-177-060	MIR2125-177-060AL	MIR2125-177-060AG	MIR2125-177-060AU
25.00	35.36	6	MIR2250-354-060	MIR2250-354-060AL	MIR2250-354-060AG	MIR2250-354-060AU
36.00	50.92	12.5	MIR2360-509-125	MIR2360-509-125AL	MIR2360-509-125AG	MIR2360-509-125AU
46.00	65.6	12.5	MIR2460-656-125	MIR2460-656-125AL	MIR2460-656-125AG	MIR2460-656-125AU
50.00	70.72	12.5	MIR2500-707-125	MIR2500-707-125AL	MIR2500-707-125AG	MIR2500-707-125AU
64.00	90.52	12.5	MIR2640-905-125	MIR2640-905-125AL	MIR2640-905-125AG	MIR2640-905-125AU
70.00	99.01	12.5	MIR2700-990-125	MIR2700-990-125AL	MIR2700-990-125AG	MIR2700-990-125AU
80.00	113.15	20	MIR2800-113-200	MIR2800-113-200AL	MIR2800-113-200AG	MIR2800-113-200AU

Unless otherwise specified, all dimensions are in mm

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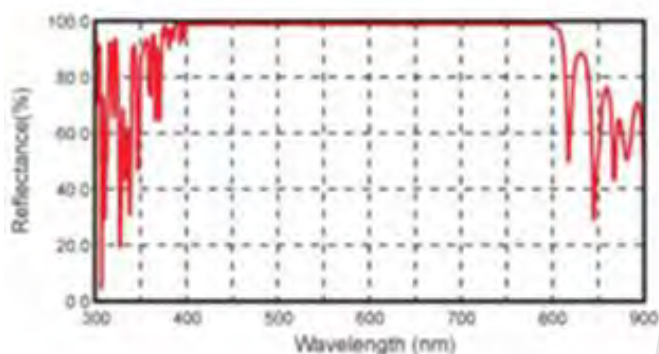
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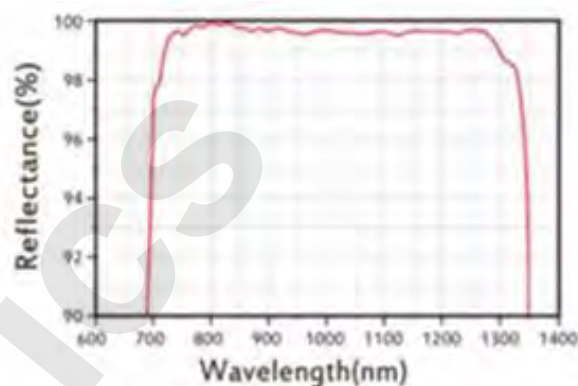
45° Ellipse Shape Flat Mirror



- **Material:** Fused Silica
- **Surface Figure :** $1/10\lambda@633\text{nm}$
- **Surface Quality:** 20-10
- **Parallelism:** $<1'$
- **Diameter Tolerance:** $+0.0/-0.2\text{mm}$
- **Thickness Tolerance:** $\pm 0.5\text{mm}$
- **Chamfer:** $0.2\sim 0.5\text{mm}\times 45^\circ$



**D02--45° HR dielectric coating
@ 350-400nm**



**D03--45° HR dielectric coating
@ 750-1250nm**

Short Axis A (mm)	Short Axis B (mm)	Thickness (mm)	Part No.		
			Coating – none	Coating – D02	Coating – D03
12.50	17.68	6	MIR3125-177-06FS	MIR3125-177-D02-06FS	MIR3125-177-D03-06FS
25.00	35.36	6	MIR3250-354-06FS	MIR3250-354-D02-06FS	MIR3250-354-D03-06FS
50.00	70.72	12.5	MIR3125-707-125FS	MIR3125-707-D02-125FS	MIR3125-707-D03-125FS

Unless otherwise specified, all dimensions are in mm



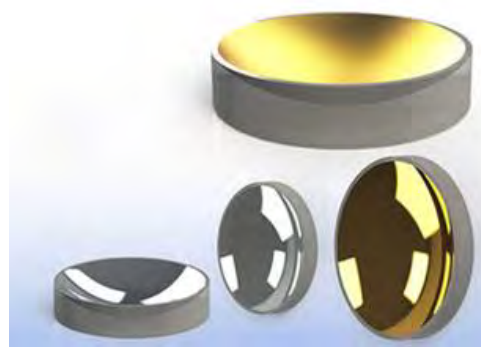
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Concave Sphere Mirror

- **Material:** H-K9L
- **Surface Figure:** $\lambda/4@633\text{nm}$
- **Surface Quality:** 60-40
- **Centering:** <3'
- **Diameter Tolerance:** +0.0/-0.1mm
- **Thickness Tolerance:** $\pm 0.2\text{mm}$
- **Focal length Tolerance:** $\pm 2\%$
- **Chamfer:** 0.2mmX45°
- **Coating:** see product list



Size (mm)	Focal Length (mm)	Radius (mm)	T _C (mm)	T _E (mm)	Part No.				
					Coating -none	Coating-Al	Coating-UVAL	Coating-Ag	Coating-Au
φ12.5	5	10	3	5.19	LEN2125-005-30	LEN2125-005-30AL	LEN2125-005-30UVAL	LEN2125-005-30AG	LEN2125-005-30AU
φ12.5	10	20	3	4	LEN2125-010-30	LEN2125-010-30AL	LEN2125-010-30UVAL	LEN2125-010-30AG	LEN2125-010-30AU
φ12.5	15	30	3	3.66	LEN2125-015-30	LEN2125-015-30AL	LEN2125-015-30UVAL	LEN2125-015-30AG	LEN2125-015-30AU
φ12.5	20	40	3	3.49	LEN2125-020-30	LEN2125-020-30AL	LEN2125-020-30UVAL	LEN2125-020-30AG	LEN2125-020-30AU
φ12.5	25	50	3	3.39	LEN2125-025-30	LEN2125-025-30AL	LEN2125-025-30UVAL	LEN2125-025-30AG	LEN2125-025-30AU
φ12.5	30	60	3	3.33	LEN2125-030-30	LEN2125-030-30AL	LEN2125-030-30UVAL	LEN2125-030-30AG	LEN2125-030-30AU
φ12.5	35	70	3	3.28	LEN2125-035-30	LEN2125-035-30AL	LEN2125-035-30UVAL	LEN2125-035-30AG	LEN2125-035-30AU
φ12.5	40	80	3	3.24	LEN2125-040-30	LEN2125-040-30AL	LEN2125-040-30UVAL	LEN2125-040-30AG	LEN2125-040-30AU
φ12.5	50	100	3	3.2	LEN2125-050-30	LEN2125-050-30AL	LEN2125-050-30UVAL	LEN2125-050-30AG	LEN2125-050-30AU
φ12.5	75	150	3	3.13	LEN2125-075-30	LEN2125-075-30AL	LEN2125-075-30UVAL	LEN2125-075-30AG	LEN2125-075-30AU
12.5x12.5	5	10	3	5.19	LEN2-125x125-005-30	LEN2-125x125-005-30AL	LEN2-125x125-005-30UVAL	LEN2-125x125-005-30AG	LEN2-125x125-005-30AU
12.5x12.5	10	20	3	4	LEN2-125x125-010-30	LEN2-125x125-010-30AL	LEN2-125x125-010-30UVAL	LEN2-125x125-010-30AG	LEN2-125x125-010-30AU

Unless otherwise specified, all dimensions are in mm



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Concave Sphere Mirror

Size (mm)	Focal Length (mm)	Radius (mm)	T _C (mm)	T _E (mm)	Part No.				
					Coating -none	Coating-Al	Coating-UVAL	Coating-Ag	Coating-Au
12.5x12.5	15	30	3	3.66	LEN2-125x125-015-30	LEN2-125x125-015-30AL	LEN2-125x125-015-30UVAL	LEN2-125x125-015-30AG	LEN2-125x125-015-30AU
12.5x12.5	20	40	3	3.49	LEN2-125x125-020-30	LEN2-125x125-020-30AL	LEN2-125x125-020-30UVAL	LEN2-125x125-020-30AG	LEN2-125x125-020-30AU
12.5x12.5	25	50	3	3.39	LEN2-125x125-025-30	LEN2-125x125-025-30AL	LEN2-125x125-025-30UVAL	LEN2-125x125-025-30AG	LEN2-125x125-025-30AU
12.5x12.5	30	60	3	3.33	LEN2-125x125-030-30	LEN2-125x125-030-30AL	LEN2-125x125-030-30UVAL	LEN2-125x125-030-30AG	LEN2-125x125-030-30AU
12.5x12.5	35	70	3	3.28	LEN2-125x125-035-30	LEN2-125x125-035-30AL	LEN2-125x125-035-30UVAL	LEN2-125x125-035-30AG	LEN2-125x125-035-30AU
12.5x12.5	40	80	3	3.24	LEN2-125x125-040-30	LEN2-125x125-040-30AL	LEN2-125x125-040-30UVAL	LEN2-125x125-040-30AG	LEN2-125x125-040-30AU
12.5x12.5	50	100	3	3.2	LEN2-125x125-050-30	LEN2-125x125-050-30AL	LEN2-125x125-050-30UVAL	LEN2-125x125-050-30AG	LEN2-125x125-050-30AU
12.5x12.5	75	150	3	3.13	LEN2-125x125-075-30	LEN2-125x125-075-30AL	LEN2-125x125-075-30UVAL	LEN2-125x125-075-30AG	LEN2-125x125-075-30AU
φ25.0	20	40	6	8	LEN2250-020-60	LEN2250-020-60AL	LEN2250-020-60UVAL	LEN2250-020-60AG	LEN2250-020-60AU
φ25.0	25	50	6	7.59	LEN2250-025-60	LEN2250-025-60AL	LEN2250-025-60UVAL	LEN2250-025-60AG	LEN2250-025-60AU
φ25.0	30	60	6	7.32	LEN2250-030-60	LEN2250-030-60AL	LEN2250-030-60UVAL	LEN2250-030-60AG	LEN2250-030-60AU
φ25.0	35	70	6	7.13	LEN2250-035-60	LEN2250-035-60AL	LEN2250-035-60UVAL	LEN2250-035-60AG	LEN2250-035-60AU
φ25.0	40	80	6	6.98	LEN2250-040-60	LEN2250-040-60AL	LEN2250-040-60UVAL	LEN2250-040-60AG	LEN2250-040-60AU
φ25.0	50	100	6	6.78	LEN2250-050-60	LEN2250-050-60AL	LEN2250-050-60UVAL	LEN2250-050-60AG	LEN2250-050-60AU
φ25.0	75	150	6	6.52	LEN2250-075-60	LEN2250-075-60AL	LEN2250-075-60UVAL	LEN2250-075-60AG	LEN2250-075-60AU
φ25.0	100	200	6	6.39	LEN2250-100-60	LEN2250-100-60AL	LEN2250-100-60UVAL	LEN2250-100-60AG	LEN2250-100-60AU
φ25.0	150	300	6	6.26	LEN2250-150-60	LEN2250-150-60AL	LEN2250-150-60UVAL	LEN2250-150-60AG	LEN2250-150-60AU
φ25.0	200	400	6	6.2	LEN2250-200-60	LEN2250-200-60AL	LEN2250-200-60UVAL	LEN2250-200-60AG	LEN2250-200-60AU
φ25.0	250	500	6	6.16	LEN2250-250-60	LEN2250-250-60AL	LEN2250-250-60UVAL	LEN2250-250-60AG	LEN2250-250-60AU

Unless otherwise specified, all dimensions are in mm



Concave Sphere Mirror

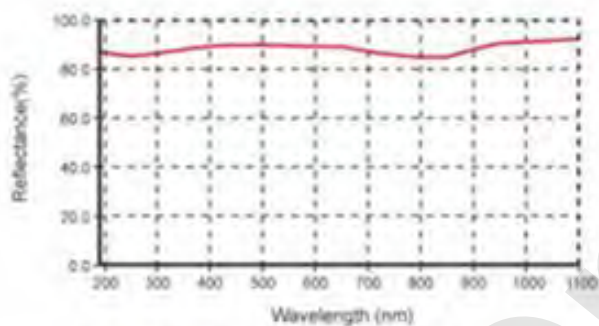
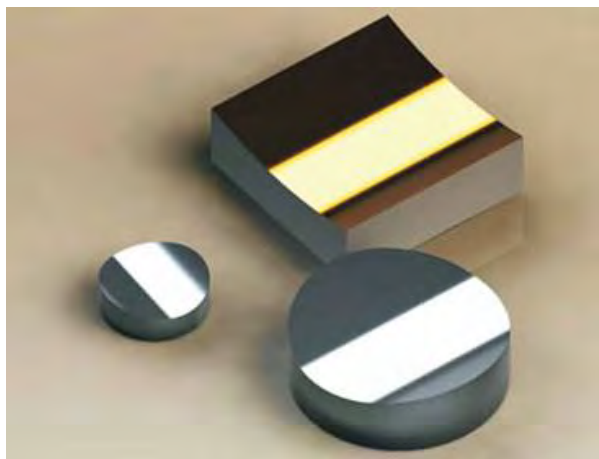
Size (mm)	Focal Length (mm)	Radius (mm)	T _C (mm)	T _E (mm)	Part No.				
					Coating -none	Coating-Al	Coating-UVAL	Coating-Ag	Coating-Au
25.0x25.0	20	40	6	8	LEN2-250x250-020-60	LEN2-250x250-020-60AL	LEN2-250x250-020-60UVAL	LEN2-250x250-020-60AG	LEN2-250x250-020-60AU
25.0x25.0	25	50	6	7.59	LEN2-250x250-025-60	LEN2-250x250-025-60AL	LEN2-250x250-025-60UVAL	LEN2-250x250-025-60AG	LEN2-250x250-025-60AU
25.0x25.0	30	60	6	7.32	LEN2-250x250-030-60	LEN2-250x250-030-60AL	LEN2-250x250-030-60UVAL	LEN2-250x250-030-60AG	LEN2-250x250-030-60AU
25.0x25.0	35	70	6	7.13	LEN2-250x250-035-60	LEN2-250x250-035-60AL	LEN2-250x250-035-60UVAL	LEN2-250x250-035-60AG	LEN2-250x250-035-60AU
25.0x25.0	40	80	6	6.98	LEN2-250x250-040-60	LEN2-250x250-040-60AL	LEN2-250x250-040-60UVAL	LEN2-250x250-040-60AG	LEN2-250x250-040-60AU
25.0x25.0	50	100	6	6.78	LEN2-250x250-050-60	LEN2-250x250-050-60AL	LEN2-250x250-050-60UVAL	LEN2-250x250-050-60AG	LEN2-250x250-050-60AU
25.0x25.0	75	150	6	6.52	LEN2-250x250-075-60	LEN2-250x250-075-60AL	LEN2-250x250-075-60UVAL	LEN2-250x250-075-60AG	LEN2-250x250-075-60AU
25.0x25.0	100	200	6	6.39	LEN2-250x250-100-60	LEN2-250x250-100-60AL	LEN2-250x250-100-60UVAL	LEN2-250x250-100-60AG	LEN2-250x250-100-60AU
25.0x25.0	150	300	6	6.26	LEN2-250x250-150-60	LEN2-250x250-150-60AL	LEN2-250x250-150-60UVAL	LEN2-250x250-150-60AG	LEN2-250x250-150-60AU
25.0x25.0	200	400	6	6.2	LEN2-250x250-200-60	LEN2-250x250-200-60AL	LEN2-250x250-200-60UVAL	LEN2-250x250-200-60AG	LEN2-250x250-200-60AU
25.0x25.0	250	500	6	6.16	LEN2-250x250-250-60	LEN2-250x250-250-60AL	LEN2-250x250-250-60UVAL	LEN2-250x250-250-60AG	LEN2-250x250-250-60AU
φ50.0	50	100	9	12.18	LEN2500-050-90	LEN2500-050-90AL	LEN2500-050-90UVAL	LEN2500-050-90AG	LEN2500-050-90AU
φ50.0	75	150	9	11.1	LEN2500-075-90	LEN2500-075-90AL	LEN2500-075-90UVAL	LEN2500-075-90AG	LEN2500-075-90AU
φ50.0	100	200	9	10.57	LEN2500-100-90	LEN2500-100-90AL	LEN2500-100-90UVAL	LEN2500-100-90AG	LEN2500-100-90AU
φ50.0	150	300	9	10.04	LEN2500-150-90	LEN2500-150-90AL	LEN2500-150-90UVAL	LEN2500-150-90AG	LEN2500-150-90AU
φ50.0	200	400	9	9.78	LEN2500-200-90	LEN2500-200-90AL	LEN2500-200-90UVAL	LEN2500-200-90AG	LEN2500-200-90AU
φ50.0	250	500	9	9.63	LEN2500-250-90	LEN2500-250-90AL	LEN2500-250-90UVAL	LEN2500-250-90AG	LEN2500-250-90AU
φ50.0	300	600	9	9.52	LEN2500-300-90	LEN2500-300-90AL	LEN2500-300-90UVAL	LEN2500-300-90AG	LEN2500-300-90AU
φ50.0	500	1000	9	9.31	LEN2500-500-90	LEN2500-500-90AL	LEN2500-500-90UVAL	LEN2500-500-90AG	LEN2500-500-90AU

Unless otherwise specified, all dimensions are in mm

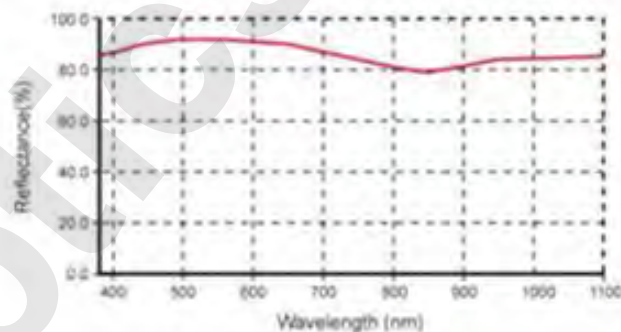


Concave Cylindrical Mirror

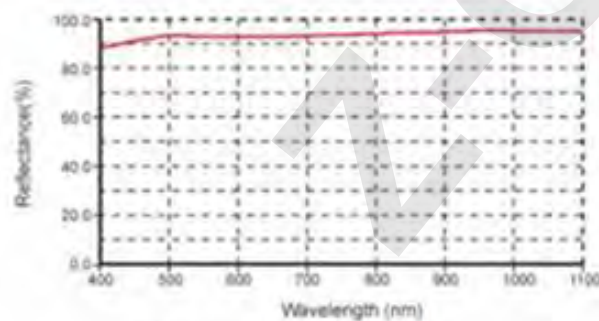
- **Material:** H-K9L
- **Surface Figure:** $1\lambda@633\text{nm}$
- **Surface Quality:** 60-40
- **Centering:** $3'$
- **Diameter Tolerance:** $+0.0/-0.1\text{mm}$
- **Thickness Tolerance:** $\pm 0.2\text{mm}$
- **Focal length Tolerance:** $\pm 2\%$
- **Chamfer:** $0.2\text{mm}\times 45^\circ$
- **Coating:** see product list



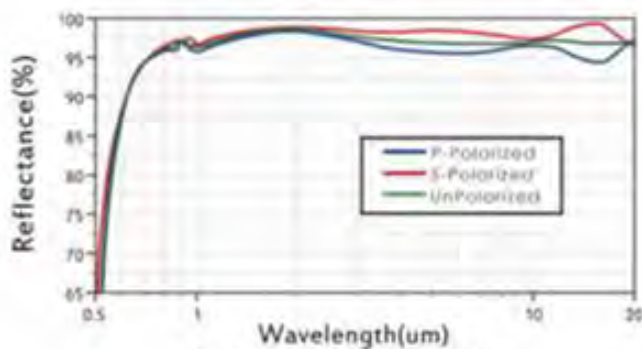
UVAl Coating + SiO₂



Al Coating + SiO₂



Ag Coating + SiO₂



Au Coating + SiO₂



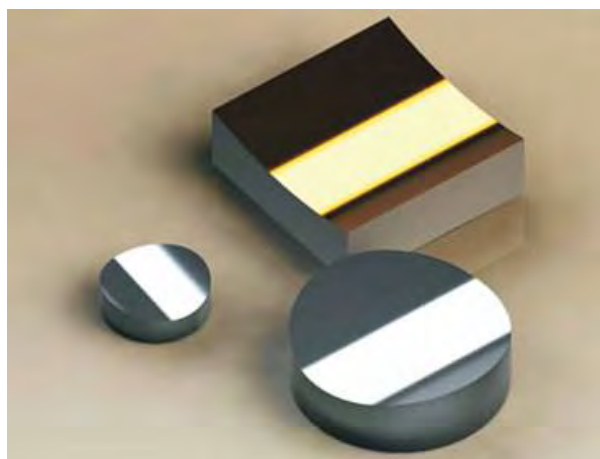
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Concave Cylindrical Mirror

- **Material:** H-K9L
- **Surface Figure:** $1\lambda@633\text{nm}$
- **Surface Quality:** 60-40
- **Centering:** <3'
- **Diameter Tolerance:** +0.0/-0.1mm
- **Thickness Tolerance:** $\pm 0.2\text{mm}$
- **Focal length Tolerance:** $\pm 2\%$
- **Chamfer:** 0.2mmx45°
- **Coating:** see product list



Size (mm)	Focal Length (mm)	Radius (mm)	T _C (mm)	T _E (mm)	Part No.				
					Coating -none	Coating -Al	Coating-UVAI	Coating-Ag	Coating-Au
φ12.5	12.5	25.0	3	3.79	LEN8125-12R5-30	LEN8125-12R5-30AI	LEN8125-12R5-30UVAI	LEN8125-12R5-30Ag	LEN8125-12R5-30Au
φ12.5	25.0	50.0	3	3.39	LEN8125-025-30	LEN8125-025-30AI	LEN8125-025-30UVAI	LEN8125-025-30Ag	LEN8125-025-30Au
φ12.5	50.0	100.0	3	3.20	LEN8125-050-30	LEN8125-050-30AI	LEN8125-050-30UVAI	LEN8125-050-30Ag	LEN8125-050-30Au
φ12.5	75.0	150.0	3	3.13	LEN8125-075-30	LEN8125-075-30AI	LEN8125-075-30UVAI	LEN8125-075-30Ag	LEN8125-075-30Au
12.5x12.5	12.5	25.0	3	3.79	LEN8-125X125-12R5-30	LEN8-125X125-12R5-30AI	LEN8-125X125-12R5-30UVAI	LEN8-125X125-12R5-30Ag	LEN8-125X125-12R5-30Au
12.5x12.5	25.0	50.0	3	3.39	LEN8-125X125-025-30	LEN8-125X125-025-30AI	LEN8-125X125-025-30UVAI	LEN8-125X125-025-30Ag	LEN8-125X125-025-30Au
12.5x12.5	50.0	100.0	3	3.20	LEN8-125X125-050-30	LEN8-125X125-050-30AI	LEN8-125X125-050-30UVAI	LEN8-125X125-050-30Ag	LEN8-125X125-050-30Au
12.5x12.5	75.0	150.0	3	3.13	LEN8-125X125-075-30	LEN8-125X125-075-30AI	LEN8-125X125-075-30UVAI	LEN8-125X125-075-30Ag	LEN8-125X125-075-30Au
φ25.0	25.0	50.0	6	7.59	LEN8250-025-60	LEN8250-025-60AI	LEN8250-025-60UVAI	LEN8250-025-60Ag	LEN8250-025-60Au
φ25.0	50.0	100.0	6	6.78	LEN8250-050-60	LEN8250-050-60AI	LEN8250-050-60UVAI	LEN8250-050-60Ag	LEN8250-050-60Au
φ25.0	75.0	150.0	6	6.52	LEN8250-075-60	LEN8250-075-60AI	LEN8250-075-60UVAI	LEN8250-075-60Ag	LEN8250-075-60Au
φ25.0	100.0	200.0	6	6.39	LEN8250-100-60	LEN8250-100-60AI	LEN8250-100-60UVAI	LEN8250-100-60Ag	LEN8250-100-60Au

Unless otherwise specified, all dimensions are in mm



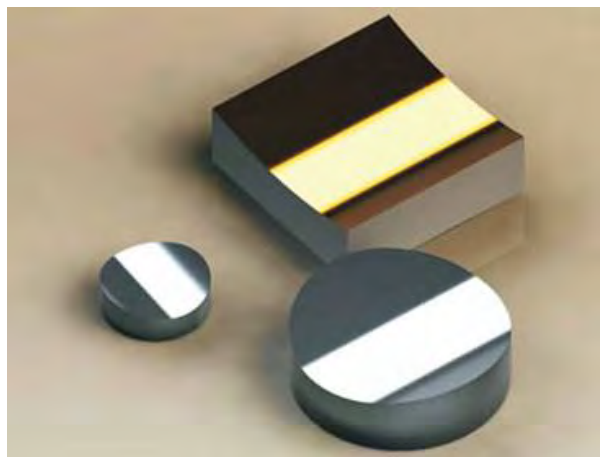
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Concave Cylindrical Mirror

- **Material:** H-K9L
- **Surface Figure:** $1\lambda@633\text{nm}$
- **Surface Quality:** 60-40
- **Centering:** <3'
- **Diameter Tolerance:** +0.0/-0.1mm
- **Thickness Tolerance:** $\pm 0.2\text{mm}$
- **Focal length Tolerance:** $\pm 2\%$
- **Chamfer:** 0.2mmx45°
- **Coating:** see product list



Size (mm)	Focal Length (mm)	Radius (mm)	T_C (mm)	T_E (mm)	Part No.				
					Coating -none	Coating -Al	Coating-UVAL	Coating-Ag	Coating-Au
$\phi 25.0$	150	300	6	6.26	LEN8250-150-60	LEN8250-150-60AL	LEN8250-150-60UVAL	LEN8250-150-60AG	LEN8250-150-60AU
$\phi 25.0$	200	400	6	6.2	LEN8250-200-60	LEN8250-200-60AL	LEN8250-200-60UVAL	LEN8250-200-60AG	LEN8250-200-60AU
$\phi 25.0$	250	500	6	6.16	LEN8250-250-60	LEN8250-250-60AL	LEN8250-250-60UVAL	LEN8250-250-60AG	LEN8250-250-60AU
25.0x25.0	25	50	6	7.59	LEN8-250X250-025-60	LEN8-250X250-025-60AL	LEN8-250X250-025-60UVAL	LEN8-250X250-025-60AG	LEN8-250X250-025-60AU
25.0x25.0	50	100	6	6.78	LEN8-250X250-050-60	LEN8-250X250-050-60AL	LEN8-250X250-050-60UVAL	LEN8-250X250-050-60AG	LEN8-250X250-050-60AU
25.0x25.0	75	150	6	6.52	LEN8-250X250-075-60	LEN8-250X250-075-60AL	LEN8-250X250-075-60UVAL	LEN8-250X250-075-60AG	LEN8-250X250-075-60AU
25.0x25.0	100	200	6	6.39	LEN8-250X250-100-60	LEN8-250X250-100-60AL	LEN8-250X250-100-60UVAL	LEN8-250X250-100-60AG	LEN8-250X250-100-60AU
25.0x25.0	150	300	6	6.26	LEN8-250X250-150-60	LEN8-250X250-150-60AL	LEN8-250X250-150-60UVAL	LEN8-250X250-150-60AG	LEN8-250X250-150-60AU
25.0x25.0	200	400	6	6.2	LEN8-250X250-200-60	LEN8-250X250-200-60AL	LEN8-250X250-200-60UVAL	LEN8-250X250-200-60AG	LEN8-250X250-200-60AU
25.0x25.0	250	500	6	6.16	LEN8-250X250-250-60	LEN8-250X250-250-60AL	LEN8-250X250-250-60UVAL	LEN8-250X250-250-60AG	LEN8-250X250-250-60AU

Unless otherwise specified, all dimensions are in mm



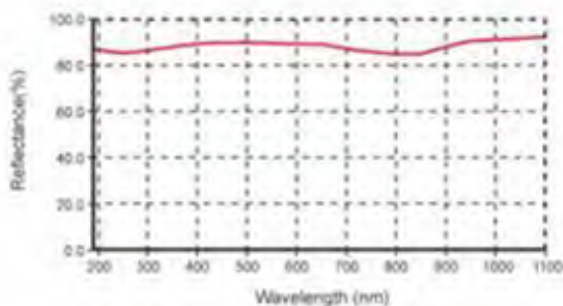
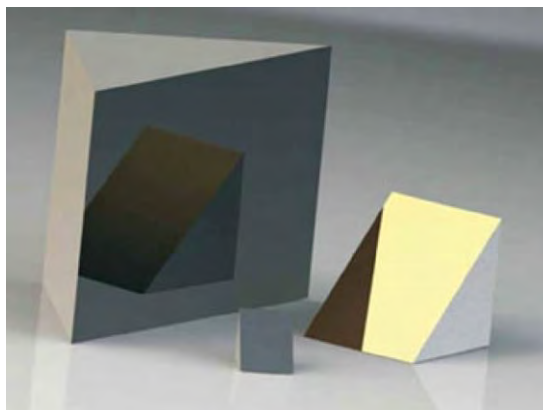
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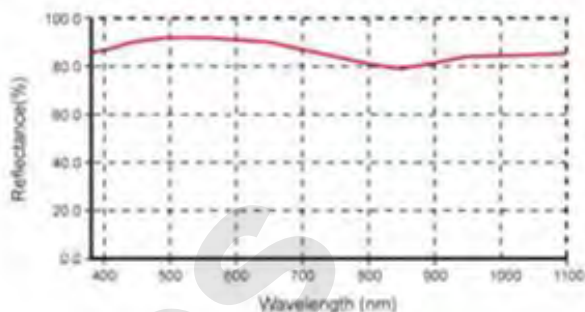
sales@z-optics.com

Mirror on Prism

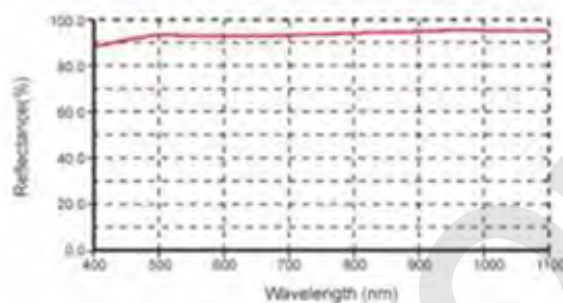
- **Material:** H-K9L
- **Surface Figure:** $\lambda/4@633\text{nm}$
- **Surface Quality:** 60-40
- **Dimension Tolerance:** $\pm 0.1\text{mm}$
- **Angle Tolerance:** ± 30 sec
- **Pyramid Error:** $< 10'$
- **Chamfer:** Protective Chamfer $0.2\text{mm} \times 45^\circ$



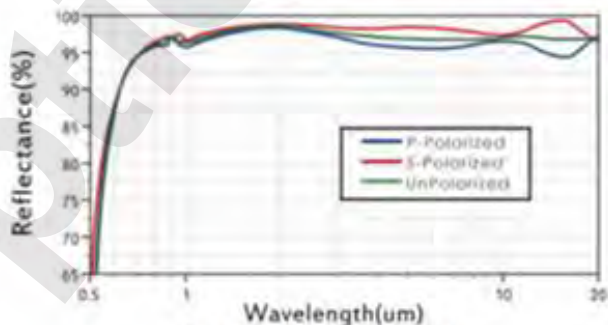
UVAl Coating + SiO₂



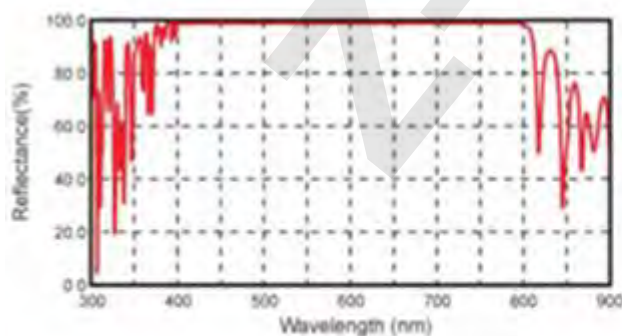
Al Coating + SiO₂



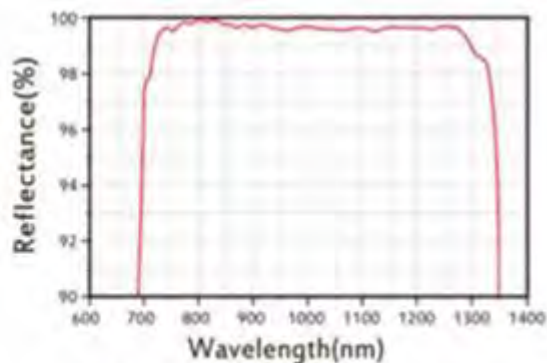
Ag Coating + SiO₂



Au Coating + SiO₂



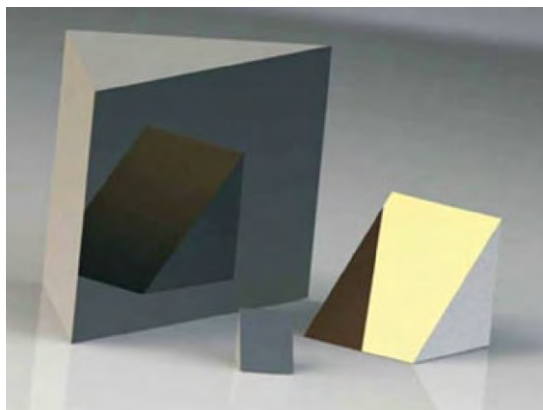
**D02--45° HR dielectric coating
@350-400nm**



**D03--45° HR dielectric coating
@750-1250nm**

Mirror on Prism

- **Material:** H-K9L
- **Surface Figure:** $\lambda/4@633\text{nm}$
- **Surface Quality:** 60-40
- **Dimension Tolerance:** $\pm 0.1\text{mm}$
- **Angle Tolerance:** ± 30 sec
- **Pyramid Error:** $< 10'$
- **Chamfer:** Protective Chamfer $0.2\text{mm} \times 45^\circ$



Size (AxBxC) (mm)	Part No.					
	Coating -AL	Coating -UVAL	Coating -AG	Coating -AU	Coating -D02	Coating -D03
5x5x5	PRS03-050-1	PRS03-050-5	PRS03-050-6	PRS03-050-7	PRS03-050-8	PRS03-050-9
10x10x10	PRS03-100-1	PRS03-100-5	PRS03-100-6	PRS03-100-7	PRS03-100-8	PRS03-100-9
12.5x12.5x12.5	PRS03-125-1	PRS03-125-5	PRS03-125-6	PRS03-125-7	PRS03-125-8	PRS03-125-9
15x15x15	PRS03-150-1	PRS03-150-5	PRS03-150-6	PRS03-150-7	PRS03-150-8	PRS03-150-9
20x20x20	PRS03-200-1	PRS03-200-5	PRS03-200-6	PRS03-200-7	PRS03-200-8	PRS03-200-9
25x25x25	PRS03-250-1	PRS03-250-5	PRS03-250-6	PRS03-250-7	PRS03-250-8	PRS03-250-9
30x30x30	PRS03-300-1	PRS03-300-5	PRS03-300-6	PRS03-300-7	PRS03-300-8	PRS03-300-9
40x40x40	PRS03-400-1	PRS03-400-5	PRS03-400-6	PRS03-400-7	PRS03-400-8	PRS03-400-9
50x50x50	PRS03-500-1	PRS03-500-5	PRS03-500-6	PRS03-500-7	PRS03-500-8	PRS03-500-9

HR coating is deposited on hypotenuse and none coating on legs
 Unless otherwise specified, all dimensions are in mm

