



Holographic Photoplates and Films

Price per pc for photoplates

Size, mm	VRP-M	PFG-01
	PFG-03C	PFG-03M PFG-04
50x50	1.61 €	1.16 €
63x63	2.57 €	1.90 €
76x76	3.65 €	2.72 €
90x120	6.86 €	5.12 €
102x127	8.15 €	6.07 €
127x127	10.09 €	7.59 €
130x180	14.59 €	10.89 €
60x120	4.62 €	3.47 €
180x240	26.82 €	19.97 €
200x250	30.89 €	22.94 €
240x300	44.19 €	32.84 €
300x406	57.78 €	55.83 €

Other sizes are possible by request. Prices for films are available by request.

Specifications

	VRP-M	PFG-01	PFG-03M	PFG-03C	PFG-04
Diffraction efficiency	ca. 45% at 514nm	ca. 50% at 633nm	ca. 50% at 633nm	ca. 50% at 514nm and 633nm	ca. 70% at 514nm
Holographic sensitivity	480nm - 570nm 0.9J/m ² at 532nm	600nm - 680nm 1J/m ² at 633nm	600nm - 680nm 20J/m ² at 633nm	400nm - 700nm 40J/m ² at 633nm	400nm - 550nm 2500J/m ² at 514nm
Maximal spectral sensitivity	532nm	633nm	633nm	478nm, 514nm, 532nm, 633nm	514nm
Resolution	3,000 lines/mm	3,000 lines/mm	5,000 lines/mm	5,000 lines/mm	5,000 lines/mm
Thickness of the photosensitive layer	5-7µm	5-7µm	6-8µm	9-12µm	18-22µm
Standard sizes of the plates, mm	50x50mm ² , 63x63mm ² , 76x76mm ² , 102x102mm ² , 102x127mm ² , 127x127mm ² , 130x180mm ² , 180x240mm ² , 240x300mm ² , 300x406mm ²				
Thickness of the plates	2,65mm				

Example of a developer:

Methylphenidone 0.2 g
 Hydroquinone 5 g
 Sodium sulfite, (Na₂SO₃) 100 g (anhydrous)
 Potassium hydroxide (KOH) 5 g
 Ammonium thiocyanate (NH₄SCN) 6 g
 Water up to 1 l

Example of a fixer:

Sodium thiosulfate (hyposulfite) (Na₂S₂O₃*5H₂O) 150 g
 Na₂SO₃ (anhydrous) 50 g
 Water up to 1 l