



Holographic Photoplates and Films

Price per pc for photoplates

Size, mm	VRP-M	PFG-01
	PFG-03C	PFG-03M PFG-04
50x50	2.09 €	1.50 €
63x63	3.34 €	2.47 €
76x76	4.74 €	3.53 €
90x120	8.91 €	6.65 €
102x127	10.59 €	7.89 €
127x127	13.11 €	9.86 €
130x180	18.96 €	14.15 €
60x120	6.01 €	4.51 €
180x240	34.86 €	25.96 €
200x250	40.15 €	29.82 €
240x300	57.44 €	42.69 €
300x406	75.11 €	72.57 €

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 1l