

## Holographic Photoplates and Films

### price (EUR/pc) for photoplates

size, mm	VRP -M PFG - 03C	PFG-01 PFG-03M PFG-04
50 x 50	2.09	2.09
63 x 63	3.34	3.34
76 x 76	4.74	4.74
90 x 120	8.91	8.91
102 x 127	10.59	10.59

thickness of the plates is 2.65 mm. 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 514 nm	ca 50% at 633 nm	ca 50% at 633 nm	ca 50% at 514 nm and 633 nm	ca 45% at 514nm
Holographic sensitivity	480 nm - 570 nm 0.9 J/m <sup>2</sup> at 532 nm	600 nm - 680 nm 1 J/m <sup>2</sup> at 633 nm	600 nm - 680 nm 20 J/m <sup>2</sup> at 633 nm	400 nm - 700 nm 40 J/m <sup>2</sup> at 633 nm	400 nm - 550 nm 2500 J/m <sup>2</sup> at 514 nm
Maximal spectral sensitivity	532 nm	633 nm	633 nm	478 nm, 514 nm, 532 nm, 633 nm	514 nm
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

**Developer:**  
dry substance - 35 EUR for 1ltr  
1ltr is used for 1/3 m<sup>2</sup> totally

Methylphenidone 0.2 g  
Hydroquinone 5 g  
Sodium sulfite, (Na<sub>2</sub>SO<sub>3</sub>) 100 g  
(anhydrous)  
Potassium hydroxide (KOH) 5 g  
Ammonium thiocyanate (NH<sub>4</sub>SCN) 6 g  
Water up to 1ltr

**Fixer:**  
dry substance - 35 EUR for 1ltr  
1ltr is used for 1m<sup>2</sup> totally

Sodium thiosulfate (hyposulfite)  
(Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>\*5H<sub>2</sub>O)  
150 g  
Na<sub>2</sub>SO<sub>3</sub> (anhydrous) 50 g  
Water up to 1ltr