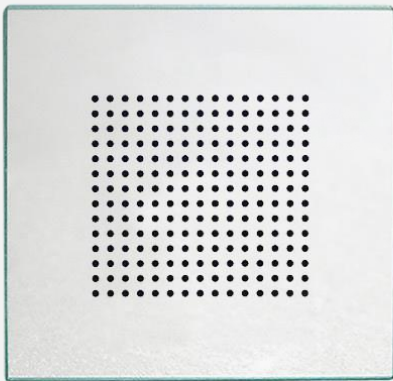


## pvCal Dot Glass

Calibration targets dot pattern for accurate & precise measurements, compatible to OpenCV, Sherlock etc.



### Chrome pattern (dark brown) printed on flat glass, ideal for backlight applications

Soda lime glass 3.0 mm thick

- surface roughness <math><0.025\ \mu\text{m}</math>
- surface flatness: 5-10  $\mu\text{m}$
- transmission (420~700 nm) >85%

Standard coating: low reflective dark brown chrome

- reflectivity <math><25\%</math>@550 nm
- optical density: >3
- no pinhole bigger than 0.001 mm

Overall accuracy: +/-1  $\mu\text{m}$

Dot diameter tolerance: +/-0.001 mm

Dot spacing tolerance: +/-0.001 mm center to center

Thermal expansion coefficient: <math><100 \times 10^{-7}</math> / °C

Accuracy from target edge to pattern: +/-0.05 mm

Dimension & thickness tolerance: +/-0.1 mm

Beveled edges: +/-1° angle

Pattern size mm	20.1x20.1	31.4x31.4	35.25x35.25	60.5x60.5	84.6x84.6
Dot diameter mm	0.1	0.2	0.25	0.5	0.6
Dot array	101x101	79x79	71x71	61x61	71x71
Dot spacing mm	0.2	0.4	0.5	1.0	1.2
Dimensions mm	30x30	38x38	50x50	76x76	100x100

Larger dimensions / patterns available on request.