

## Laser Cut Stainless Steel Stencil Pricing

Framed	Quantity	Price
Sizes up to 737x737 mm	1 2+	\$420 \$385
Unframed	Quantity	Price
Sizes up to 400x400 mm	1 2+	\$215 \$190
Sizes up to 475x400 mm	1 2+	\$245 \$220
Sizes up to 700x600 mm	1 2+	\$270 \$240

## Stainless Steel Stencil Information

### Minimum Pitch Sizes

0.402 mm IC 0.400 mm BGA 0.400 mm

### Standard Thickness

0.10 mm (4 mil) 0.13 mm (5 mil) 0.15 mm (6 mil)

### Brass Stencil Service

Etched Brass Stencils also available.  
Perfect for short runs or one off projects.  
Not suitable for fine pitch BGAs.

**Price \$230**

## Contact Information

### Head Office

Telephone +61 8 8262 1444  
Facsimile +61 8 8262 2044  
Email [imp@impcc.com.au](mailto:imp@impcc.com.au)  
Web [www.impcc.com.au](http://www.impcc.com.au)

### Sales and Technical Enquiries

Australia 1800 888 543  
New Zealand 0800 441 500

A member of the Codan group



## Advantages of Laser-cut Stencils:

- Direct Input of data through CAD files minimizes the chance of errors
- High accuracy; errors  $\leq \pm 4 \mu\text{m}$
- High smoothness of aperture walls ensures easy release of solder paste; roughness  $\leq \pm 1 \mu\text{m}$
- Resolution and repeatability; 0.5  $\mu\text{m}$
- High accuracy on stencils as thick as 0.6 mm
- All laser cut stencils are electro-polished
- Fiducial marks can be made virtually anywhere on every side
- Tapered pad walls help the adhesion of epoxy resin or solder paste to PCB
- Fast delivery; 5WD from receipt of order (refer offer conditions)
- Protection lip at the openings ensures epoxy resin diffuses into the openings, reducing bridging, solder balls and improves cleaning of stencils, thereby decreasing waste prints
- Printing errors are reduced due to high technology processes adopted and attention to detail
- Unlimited number of apertures

## Please note offer conditions:

1. Stencils requested must meet IMP's current manufacturing parameters and standard product build range.
2. Engineering, tooling and delivery charges are inclusive of price.
3. PCB files can be supplied singularly for IMP to apply step and repeat layout
4. All Protel and Gerber in binary formats are accepted by email. Other software requires approval from IMP engineering section.
5. IMP assumes, unless clearly stated on the order or via email, that a chemical process is used to clean the framed stencils. Please inform Customer Service if you use an Ultrasonic cleaning process as this will affect the type of adhesive used to bond the stencil to the frame.
6. Despatch dates are confirmed at the time of order and may vary subject to manufacturing workload.
7. Nominated in-store delivery times are based on capital city metropolitan areas only.
8. The first working day is calculated from when both the files and the order have been received by IMP. Any delays by the customer may push out the despatch date with a delay greater than four hours considered being one working day.
9. CST refers to Australian Central Standard Time (Adelaide local time).
10. This offer is subject to change without notice and should be confirmed prior to or on acceptance of order. IMP's normal trading terms and conditions apply.

(Effective 1 March 2011)