



# "STANDARD pool" – the best pooling performance of Eurocircuits

## "STANDARD pool" – your default choice for your PCB

Eurocircuits' "STANDARD pool" service aims at covering most of your needs for standard PCB production. With a service up to 8-layers and many technological options (peelable mask, via-filling, specific finishes, different soldermask colours, etc.), it is one of the best performing pooling services in the market. Order-pooling means that you get attractive prices, fast deliveries and no tooling charges, and with "STANDARD pool" also the widest range of options of any pooling service.

### What do you get?

- A one page menu for fast ordering of standard PCBs
- Up to 8 layers, from 1 piece onwards
- 150µm - 6mil technology boards at pooling prices
- Fully-finished with 2 solder-masks and 1 silk-screen
- Many technical options available
- Three lead-free finishes: immersion silver, electroless nickel immersion gold or lead-free hot-air levelling
- FR-4 - RoHS compliant material optimised for lead-free soldering with standard build-up
- No tooling charges
- No minimum order charge
- 100% manufacturability check prior to production
- Direct online calculation

### How to get prices and place orders?

Log in and go to [Place order](#). Enter number of layers, dimensions and delivery term and that's it - nothing more. You see the price at once. Attach files and the order is placed. To choose options open the technical specifications and select what you need.

### New user?

Not yet signed up to **Eurocircuits** and our other low-cost online services? Just go to [Sign up](#) and fill in the short form.

### How do we keep "STANDARD pool" prices down?

Eurocircuits are specialist manufacturers of prototype and small batch PCBs. We are experts in order-pooling. Placing different orders on a standard production pooling panel minimizes set-up and production costs so you get good prices and no tooling charges. Because of the large numbers of orders we receive daily, we can offer a large number of technological options in our pooling services. We do a 100% check on your data before manufacture to make sure that you get the boards you want.

Number of layers	1, 2, 4, 6, 8
Maximum PCB dimension	425mm x 425mm
Minimum PCB dimension	5mm x 5mm
Base material	FR-4, Td>=325°C, T260>=60', T288>=5', CTEz<3.7%, Tg>=135°C
Base material thickness	1.55mm for 1L/2L only: 1mm & 2.4mm
Base copper foil – outer layers	1L: 35µm/1oz, 2L: 18-35-70µm, 4-6-8L: 18µm/½oz,
Base copper foil – inner layers	35µm/1oz
Surface finish	Lead-free for best price, ENIG, IM Ag, LF HAL
Soldermask type/colour	Liquid Photo Imageable: Green, black, blue
Extra options	Gold fingers, carbon pads, peelable mask, via filling
Legend colour	White one or both sides
Min. track width/spacing	0.150mm
Min. finished hole size	0.25mm. Press fit holes
Minimum outer layer pad diameter = finished hole size + listed value	Hole ≤ 0.45: 0.350mm Hole ≥ 0.50: 0.400mm
Minimum inner layer pad diameter = finished hole size + listed value	Hole ≤ 0.45: 0.450mm Hole ≥ 0.50: 0.500mm
Minimum copper to board-edge clearance – outer layers	0.250mm (routed), 0.450mm (V-cut). Copper up to edge. Plated holes on edge
Minimum copper to board-edge – inner layers	0.400mm (routed), 0.450mm (V-cut). Copper up to edge. Plated holes on edge
Slots and cut-outs	0.5, 0.8, 1.0, 1.2, 1.6, >= 2.0mm tool
Delivery panels	2.0mm break-routed + V-cut
Multilayer-build	Standard
Electrical test	Standard for ML, option for 1-2L
UL marking	Available
Stencil material	130µm stainless steel
Maximum stencil size	600 x 600mm