

Etch Resist PCB Marker Pen



- Quick drying PCB marker pen with dacron tip
- Free-flowing ink for marking copper-clad boards before etching

Colour: Blue

PCB20

Mfrs. List No.	Order Code	1+	10+	50+	Price Each
DALO 33 BLUE	.329-642			5	

Copper Clad Boards

Non-coated



- Single and double sided copper clad epoxy glass FR4
- Suitable for direct transfer of artwork
- Note the board may need cleaning prior to use with eraser/cleaner (141-330)
- Exposed copper cladding is removed using ferric chloride solution (Order Code 141-311 or 149-080)

Board thickness 1.6
Copper content 305g/m² (1oz/ft²)

Copper thickness 0.0356 (0.0014")

Manufactured in accordance with **BS4584 Part 3**

PCB61

Single Sided	Order Code	1+	10+	25+	50+	Price Each
160 100	.149-054					
220 100	.149-055					
233.4 160	.149-056					
457 305	.149-057					
Double Sided						
160 100	.149-058					
220 100	.149-059					
233.4 160	.149-060					
457 305	.149-061					

Photo-Resist Coated Boards



- Single and double sided photo resist coated epoxy glass FR4
- Dip coated high resolution positive working photoresist
- Photoresist contains a dye to aid inspection during developing
- Developer concentrate makes 5 litres
- Fine etch crystals much cleaner than Ferric Chloride
- Recommended cutting method shears



Board thickness 1.6
Copper content 305g/m²
Copper thickness 0.035
Etchant Ferric Chloride or Fine Etch crystals

PCB144

Single Sided	Order Code	1+	10+	25+	50+	Price Each
100 160	320-4911					
220 100	320-4923					
233.4 160	320-4935					
457 305	320-4947					
Double Sided						
100 160	320-4959					
220 100	320-4960					
233.4 160	320-4972					
457 305	320-4984					
Chemicals						
Fine Etch Crystals powder makes 5Lt	320-5022					
Developer 1Lt makes 5Lt	320-4996					

Photo-Resist Coated Boards

- Low cost single sided copper clad
- Positive working photoresist
- Epoxy glass paper grade CEM1
- Easy to cut and drill
- Particularly suitable for education and prototypes



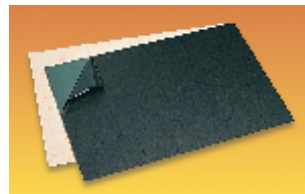
Board thickness 1.6
Copper content 305g/m²
Copper thickness 0.035
Etchant Ferric Chloride or Fine Etch crystals

Note: Not suitable for industrial applications

PCB142

Single Sided	Order Code	1+	10+	25+	50+	Price Each
305 457	320-5009					
510 575	320-5010					

Photo-Resist Coated Boards



- For use with artwork and UV light exposure units
- After exposure board is immersed into developing solution (Order Code 141-310)
- Exposed copper cladding is then removed with ferric chloride solution (Order Code 141-311 or 149-080)

PCB93

Low Cost CEM1

- Single sided copper clad
- Epoxy glass/paper grade CEM1
- Positive working photo-resist coating
- Easier to cut and drill than FR4
- Particularly suitable for education

Note: Not recommended for industrial applications

Board thickness 1.6mm
Copper foil 1oz/ft² (35 microns)

PCB94

Size mm	Order Code	1+	10+	25+	Price Each
440 305	710-143				
592 457	710-155				

High Grade FR4

- Single and double sided
- Epoxy glass grade FR4
- Positive working photo-resist coating
- Protected by peel-off black crepe

Board thickness 1.6
Copper content 305g/m² (1oz/ft²)
Copper thickness 0.0356 (0.0014")
Conforms to **BS4584 Part 3** requirements

PCB14

Single Sided	Order Code	1+	10+	25+	50+	Price Each
100 160	.141-300					
100 220	.149-062					
233.4 160	.141-302					
440 305	.699-421					
Double Sided						
100 160	.141-301					
100 220	.149-063					
233.4 160	.141-303					
440 305	.699-433					
Developer						
(1 litre bottle)	141-310					

Eraser/Cleaner



- Eraser block for cleaning and degreasing copper-clad boards
- Abrasive rubber block cleans and polishes

PCB21

Order Code	1+	10+	50+	100+	Price Each
141-330					

Shears

Shears - PCB



- Suitable for safely cutting PCB laminates
- Strong Perspex safety shield, safety latch
- Constructed from heavy gauge steel
- Bench mounting



Max cutting width 305
Base dimensions 440 245
Max cutting thickness PCB laminates 2.0
Aluminium 1.5

PCB143

Shears 305mm	Order Code	1+	Price Each
	320-5034		