



Manufacturing

GENERAL

Using raw materials sourced both locally and globally we machine and fabricate a wide range of products for electrical, thermal and mechanical applications.

The information contained in this overview is only a snapshot of our capabilities.

PRODUCTS AVAILABLE

Tubes & bushes	<p>Tubes are available in Epoxy Glass (G11), Paper (P1) and Fabric (F3) Bakelite,). All are manufactured in Melbourne. The paper tubes can be supplied in both 1270 and 915mm lengths. F3, Epoxy Glass (G11, Melamine (G9) and Silicone Mica (G7) is only available in 915mm lengths.</p> <p>The bore sizes available range, in increments, from 4.5mm to 230mm, depending on the availability of mandrels, with the maximum OD of 250mm.</p> <p>The tubes can also be cut to short lengths for use as spacers etc.</p> <p>The tubes, when used in conjunction with insulating "washers" can be made into bobbins for coils.</p>
Panels & Strips	<p>Panels can be cut, from a wide range of materials and machined into various sizes with cutouts, holes, and slots for many applications. e.g. mounting switchboard and meter panels, transformer terminals, arc shutes, etc.</p> <p>Initial cutting is carried out by a programmable beam saw, with subsequent machining in our CNC machining centre, routers, lathes, spindle moulder, thicknesser, drills and band saws</p>
Cleats & Cable Clamps	<p>Busbar "Cleats" and Cable Clamps are used to support rectangular busbars or insulated cable. These are supplied, fully machined with mounting and clamping bolt holes, slots for busbars or semi-circular cutouts for cable clamping in a number of materials, the most common being Densified Wood, however Paper Bakelite, Epoxy Glass G10 or G11 or GPO3 are used.</p>
Washers	<p>Washers can be manufactured in round, square and rectangular shapes for use in a wide range of applications inc. parts of bobbins for coils separators to isolate a "live" piece of equipment from earth or other equipment</p> <p>They can be supplied in a range of materials including Bakelite – Paper and Fabric and Epoxy Glass – G10 or G11, GPO3, ESP, Silicone Mica and more</p>
Terminal Blocks	<p>These items are generally fabricated from an insulation board, e.g. Paper Bakelite, Epoxy Glass (G10) or GPO3, which is machined to specific dimensions. We can also supply the terminal block complete with the terminal bolts mounted.</p>
Phase Barriers	<p>When used by the switchboard industry they are commonly manufactured from PVC however when used in traction motors, they are manufactured from mainly glass based laminate due to the higher operating temperatures and strength.</p>
Slot Wedges	<p>Wedges for Motor and Generator, Stators or Rotors, are machined to specified requirements. The most common materials used are Epoxy Glass G10 & G11 and Magnetic laminate. Please refer to the specific section on Wedges.</p>
Conveyor Wipers	<p>These items are machined, often from Fabric Bakelite as a wiper to clean product from conveyor belts.</p>

For detailed information and quotations please contact your nearest OBA office.

1300 646 247
www.oba-ic.com.au
ABN 89 092 191 930

VIC
t.03 8791 8600
f.03 8791 8610

NSW
t.02 9757 1188
f.02 9757 1313

QLD
t.07 3276 1414
f.07 3276 1323

SA
t.08 8293 8100
f.08 8293 8311

WA
t.08 9458 7211
f.08 9458 7299

TAS
t.03 6423 1176
f.03 6424 9393

The information contained in this sheet is correct at the time of printing and may be subject to change