

## Materials experience

ABS  
Acetal  
Acrylic  
HIPS  
Nylon  
PETG-APET  
PET-PETP  
PEEK-PVDF-PSU-PEI-PES-PEI  
PVC-Rigid and Foam  
Phenolics  
Polycarbonate  
Polyethylene HD-HMW-UHMW  
Polypropylene  
PTFE



## Industry experience

Aerospace  
Automotive  
Electronics equipment  
Civil engineering  
Food processing  
Laboratory equipment  
Leisure industry  
Nuclear industry  
Packaging and process machinery  
Point of sale – shop fitting – exhibitions  
Printing machinery  
Rail industry  
Sewage plant  
Telecoms



## Common brand names

Delrin  
Foamex-Forex  
Lexan-Makrolon  
Nylatron  
Perspex-Plexiglas  
Propylex  
Torlon  
Trespa  
Tufnol  
Ultem  
Vivak-Spectar



Advanced  
Plastic  
Technology

44 Potters Lane, Kiln Farm  
Milton Keynes MK11 3HQ

Tel: 01908 305710

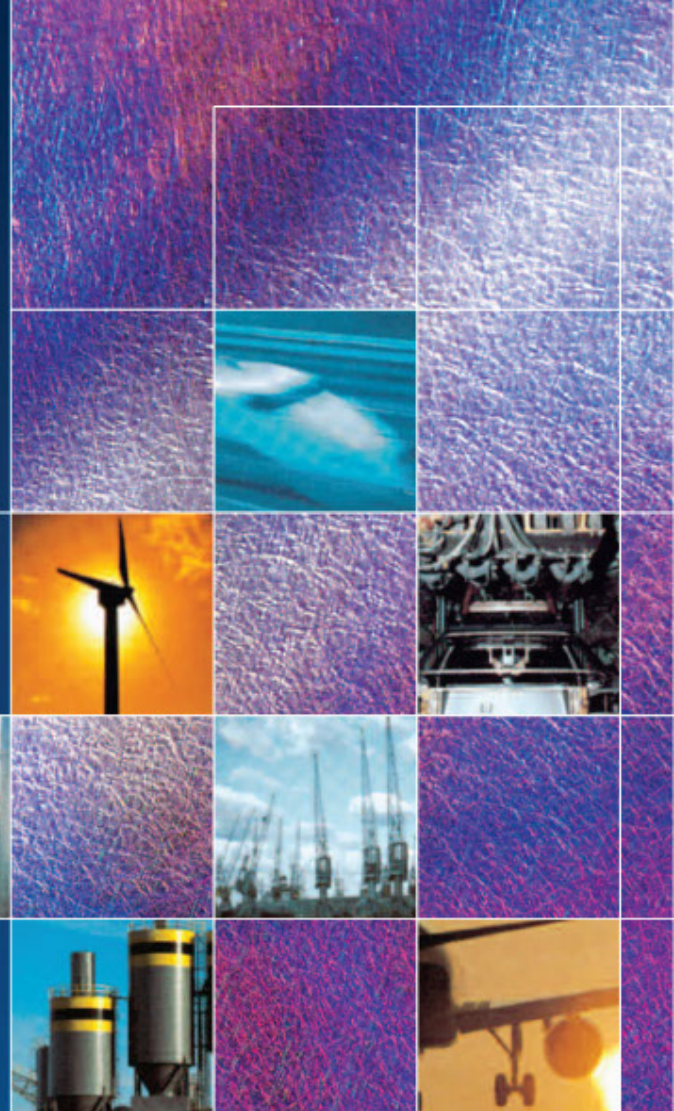
Fax: 01908 305729

E-mail: [apt@btinternet.com](mailto:apt@btinternet.com)

[www.apt123.co.uk](http://www.apt123.co.uk)



Certificate No. FM40134



Advanced  
Plastic  
Technology

subcontract plastic engineering services  
components - assemblies - fabrications

[www.apt123.co.uk](http://www.apt123.co.uk)



# A quick guide to our plastic engineering services...

## Routing

- ◆ Largest standard router bed available in the UK
- ◆ Machining of material thickness up to 50mm
- ◆ Quick set up time and high speed spindle speeds for fast cycle times

## Laser Cutting and Engraving

- ◆ Fast and accurate cutting of most thermoplastics
- ◆ Any profile can be cut no matter how complex
- ◆ Cutting and polishing in one operation

## Drape Forming

- ◆ Ideal for acrylic forming
- ◆ Male and female tools
- ◆ Components up to 3m x 2m in size

## Line Bending

- ◆ Line bends up to 3 meters
- ◆ One off or large batches
- ◆ Complex multiple bending facility

## Milling

- ◆ Vacuum and conventional piece holding
- ◆ No contamination by metal swarf
- ◆ 3 axis and 4 axis machining

## Fabrication, Bonding and Polishing

- ◆ Machine guards, covers and enclosures
- ◆ Mitre, face, lap and butt joints
- ◆ Flame polishing, wet sanding and buff polishing

## Panel Machining

- ◆ All manufacturing with CNC accuracy
- ◆ Curves, holes, chamfers, rebates, radii, cut-outs

## Welding

- ◆ Manual speed welding for PVC, Polypropylene, Polycarbonate and PETG

## Assembly

- ◆ Simple or complex sub-assemblies
- ◆ Manufactured or bought-in components

## Subcontract Services

We have a network of subcontractors with whom we work closely to provide the following complementary services:

- ◆ Screen printing
- ◆ Spray painting
- ◆ Packing service for ready-to-ship products
- ◆ Injection moulding
- ◆ Pressed and punched parts
- ◆ Vacuum forming
- ◆ Engraving

