

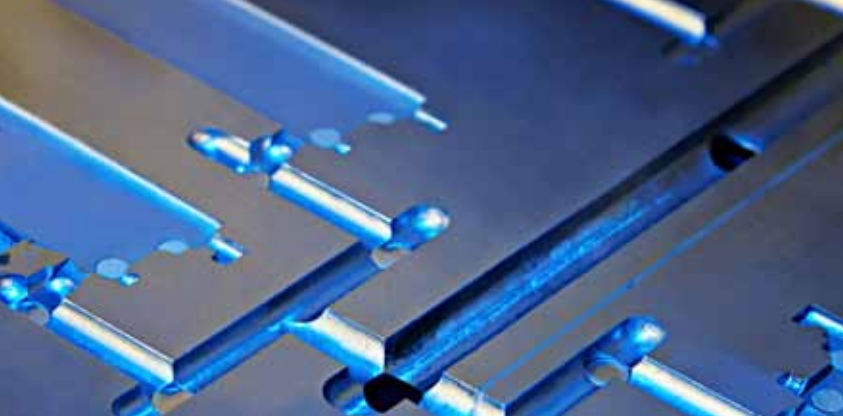
# technix

rubber and plastics ltd

innovation in **injection**  
**moulding**



Technix offers technical injection moulding solutions and will work with you from the concept stage. We can supply in-house design, prototype and tooling services, significantly reducing delays normally experienced by using several suppliers.



TECHNIX is a leading, family owned company which has been manufacturing precision moulded components since 1989. Using high quality, computer controlled plastic injection moulding machines which incorporate state of the art technology, we deliver products which match your demanding standards.

Indeed TECHNIX has an enviable reputation, within the industry and through its customer base for delivering complete customer satisfaction by offering cost-effective technical solutions with best practice quality systems.

TECHNIX prides itself that it offers a nationwide service which is easy to access and has the flexibility and technology to meet a customer's special requirements such as low start up costs or short run capabilities. This pride is confirmed by our extensive and loyal customer base.

It is our philosophy that TECHNIX strives to offer:

- **Consistent quality**
- **Unrivalled choice**
- **Excellent service**



# THE ONE STOP SHOP FOR YOUR PLASTIC INJECTION MOULDING REQUIREMENTS



## **Machinery:**

- 1 x 400ton Arburg
- 6 x 50ton Latest Arburgs
- 12 x Manumolds
- 1 x 50ton Boy
- 3 x Austin & Allen
- 1 x Pad Printing Machine

We only use state of the art, computer controlled moulding machines to produce our components using a range of commodity and engineering plastics.

## **In-House Full Service Tool Room**

That means short downtimes, quick modifications, a mould guarantee, and a toolmaker with a vested interest in making an inexpensive mould that is designed for manufacturing, saving you money in production.

## **Our Reputation**

The vast majority of customers are obtained from word of mouth, because we understand how difficult customers are to find, and how important they are to keep.

## **Made in the UK**

We don't go overseas for moulds. We support our national and local business community first.



## Materials

Our expertise in this field allows us to help customers who have little understanding of plastic materials.

There are thousands of injection moulding resins available, each of which has specific and valuable benefits. TECHNIX will recommend the optimum type and grade of resin with which to create the best component for you by drawing on their in depth understanding of those resins and their multiple characteristics.

The ability of plastics to mould difficult shapes gives rise to the opportunity for cost reduction compared to other traditional materials by being lightweight, tough and recyclable.

TECHNIX is able to ensure that any cost saving benefits are preserved by checking that the material is performing as predicted by using an independent testing and analysis company.

On the opposite page is a sample list of the most commonly recommended materials, but our Tooling Engineers and Technical Specialists are here to assist you in your selection of the most appropriate resin for your application.

Along with the selection of material type, we are able to provide a full colour matching service.

### PEEK

Used in our automotive products as 'metal replacement' due to its high performance characteristics.

### NYLON

Used in our automotive products as a 'metal replacement' due to its good thermal and chemical resistance properties.

### POLYCARBONATE

Used in our domestic appliance manufacture for its rigidity, toughness and transparency.

### POLYESTER

Used in our under bonnet and exterior automotive applications because of its high strength and rigidity properties.

### POLYPROPYLENE

Used in a wide selection of product sectors for its chemical and fatigue resistance and its low cost.

### TPE

Used in the manufacture of our hygiene products due to its elastic wear resistance and impermeable properties.

### ABS

Used in a wide range of domestic appliance products due to its glossy finish, dimensional stability and electroplating ability.

### ACETAL

Used in machine parts due to its tough and wear resistant qualities.

### POLYETHYLENE

Used in leisure goods for its low cost and ease of processing.

### POLYSTYRENE

Used in our packaging products for its rigidity, low cost and its odourless qualities.



## Recycled Polymers

There are many benefits to using recycled materials. As well as helping the environment by lowering the quantity that goes into landfill and reducing the carbon footprint, there are also cost benefits over using virgin materials in many industrial applications.



ABS	Acrylonitrile Butadiene Systems	PC	Polycarbonate
CA	Cellulose Acetate	PC	Polycarbonate Glass Filled
CAB	Cellulose Acetate Butyrate	PC/ABS	Polycarbonate/ABS (blends)
HIPS	Polystyrene High Impact	PES	Polyethersulphone
HDPE	Polythene High Density	PES	Polyethersulphone Glass Filled
LDPE	Polythene Low Density	PMMA	Polymethyl Methacrylate
LCP	Liquid Crystal Polymer	POM	Acetal Co-Polymer
PA46	Nylon 4-6	POM	Acetal Co-Polymer Glass Filled
PA6	Nylon 6	POM	Acetal Co-Polymer PTFE Filled
PA6	Nylon 6 Glass Filled	POM	Acetal Co-Polymer U/V
PA6	Nylon Mineral Filled	POM	Acetal Homo-Polymer
PA6	Nylon 6 Molydisulphide	PP	Polypropylene Co-Polymer
PA6	Nylon 6 Flame Retardant	PP	Polypropylene Co-Polymer GF
PA66	Nylon 66	PP	Polypropylene Homo-Polymer
PA66	Nylon 66 Glass Filled	PP	Polypropylene Homo-Polymer GF
PA66	Nylon 66 Mineral Filled	PP	Polypropylene Homo-Polymer TF
PA66	Nylon 66 Molydisulphide	PPO	Noryl®
PA66	Nylon 66 Flame Retardant	PPO	Noryl® Glass Filled
PA11	Nylon 11	PPS	Polyphenylene Sulphide
PA11	Nylon 11 Glass Filled	PS-SY	Isotactic Polystyrene
PA12	Nylon 12	PSU	Polysulphone
PA12	Nylon 12 Glass Filled	PTFE	Ethylene Modified PTFE
PBT/PET	Polyester	PU	Polyurethane
PBT/PET	Polyester Glass Filled		Recycled Granules
PBT/PET	Polyester PTFE Filled	SAN	Styrene Acrylonitile
PBT/PET	Polyester Flame Retardant	TPR	Thermoplastic Rubber

Require a plastic component and not sure how to produce it? Call our Sales Team on 0800 216633



## Plastic components for all products & sectors



- Aerospace
- Agricultural
- Automotive
- Business machines
- Building & construction
- Computer equipment
- Defence
- Domestic appliance
- Electrical & electronics
- Fluid delivery & sealing
- Food industry
- Industrial lighting
- Landscaping
- Leisure
- Office furniture
- Measurement & control
- Motor industry
- Marine
- Medical, pharmaceutical & hygienic products
- Safety products
- Shop fitting
- Switchgear
- Telecommunications
- Transportation
- White goods & household appliances

manufacturing  
**solutions**

GROMMETS • SPACERS • FEET • CAPS • PLUGS • BESPOKE MOULDINGS • CLIPS • WASHERS • GAITERS • OVERBOOTS • PLASTIC MOULDINGS • RUBBER MOULDINGS • RUBBER TO METAL BONDING • SEALS • MOUNTINGS • DAMPERS • FIXINGS • CASES • BELLOWS • SHROUDS • BUFFERS • END STOPS • FITTINGS • FIXINGS • COVERS • INSERTS • MOULDINGS • OVER MOULDING • BUNGS • BUSHES • BUSHING • HANDLE • GRIPS • SLEEVES • BUMPERS • PROTECTORS • SAFETY MATTING • KNOB • THERMOPLASTIC MOULDINGS • THERMOPLASTIC RUBBER MOULDINGS • METAL REPLACEMENT COMPONENTS • COMPONENTS • BRACKETS • STOPS • SEALS • GASKET • GLANDS • THREADED COMPONENTS • MOUNTS • CONNECTORS • DECK FITTINGS • ROOF WALKWAY MATTING • GROUND REINFORCEMENT PAVING

# ENGINEERED PLASTIC & RUBBER PRODUCTS

Rod, sheet & tube machined parts fabrication



TECHNIX are one of the leading suppliers, stockholders and distributors of all the premium engineered rubber and plastic products listed below, whether in rod, sheet, plate or tube configuration. Should your component specification need an alternative plastic not included in our list, contact our Sales Team on 0800 216 633.

The processing of this wide range of plastics is achieved by our Material Preparation department. We use a variety of traditional and modern advanced CNC controlled equipment, supported by software which ensures optimum economic use of material.

The machinery used includes beam saws, panel/wall saws, table saws, billeting saws, planers and slitters.

- ABS
- Expanded PVC Foam
- Margard®
- PPSU
- Acetal
- Flexible PVC
- MC901®
- PSU
- Acrylic
- Flurosint®
- Meldin®
- PTFE
- Butyl
- Foam PVC
- Mirrored Acrylic®
- PVC
- Celazole®
- Food Grade Rubber
- Natural Rubber
- PVC Foam
- Delrin®
- HMWPE
- Perspex®
- Shot Blast Rubber
- Dibond®
- Hypalon®
- PET
- Silicone
- Industrial Felt
- Silicone Sponge
- Ertacetal®
- Insertion Rubber
- Plastazote®
- Stokboard®
- Ertalon®
- Ketron Peek®
- Polycarbonate
- Teflon®
- Cestilene®
- Expanded Neoprene
- Expanded Polyethylene
- Abrasion Resistant Rubber
- PETG
- EPDM
- Glass Filled Nylon
- Neoprene®
- PVDF
- Conveyor Belting
- Glass Filled PTFE
- Nylatron®
- Railco®
- Cork
- HDPE
- Nylon
- RPC
- Correx®
- Oil Filled Nylon
- SBR
- Darvic®
- HIPS
- Peek®
- Semitron®
- Ertalyte®
- Klinger®
- Polyester
- Torlon®
- Expanded EPDM
- Latex
- Polyethelene
- UHMWPE
- LDPE
- Polypenco®
- Ultem®
- Expanded Nitrile
- Lexan®
- Polypropylene
- Vespel®
- LFX®
- Polyurethane
- Viton®
- Nitrile
- Makrolon®
- POM
- Vivak®

## Why Plastics?

The use of engineering plastic rather than traditional metal can produce significant benefits:

- High strength to weight ratio
- Good corrosion resistance
- Good electrical & thermal properties
- Low co-efficient of friction
- Excellent resistance to wear
- Self lubricating properties
- Noise reduction
- Cost effectiveness



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Call Now

0800 216 633



FULLY INDEPENDENT SPECIALIST PLASTIC INJECTION MOULDINGS &  
ENGINEERED PLASTIC PRODUCTS SINCE 1989

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Printed on Recycled Paper

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