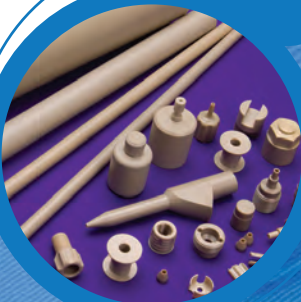


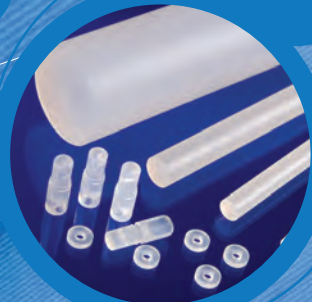
dalauTM

Fluoropolymer Products

PEEK



PCTFE



PVDF



PTFE



Aerospace • Medical • Electronic • Semiconductor • Chemical • Engineering

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PEEK

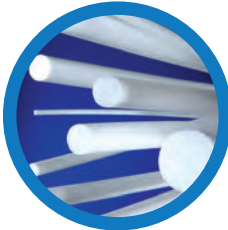
PCTFE

PVDF

PTFE

Dalau specialises in producing high quality extruded rods, moulded rods and tubes, and skived films. Our **dalcon** brand stands for a consistently high standard of physical properties.

Extrusion



Quality extruded rods

Extruded Rod

Our exceptional quality rod is produced on our in-house designed and built extruders.

Dalau offers a wide range of premium quality extruded rod having a consistently high standard of physical properties.

We hold large stocks of ground and unground rod from 4 mm - 100 mm diameter in 1m, 2m, and 3m lengths.

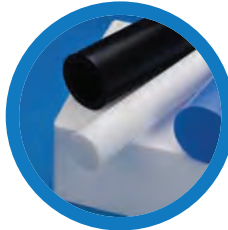


Precision grinding

Precision Grinding

Dalau also offers a precision grinding service for those customers who require tight tolerance rods for high-speed machining.

Mouldings



Variety of rods and tubes

Moulded Rod & Tube

Dalau produces a wide range of moulded rod and tube in both natural and filled grades. Our **dalcon** trademark represents consistently high quality.

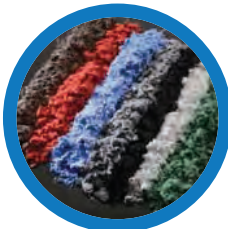
“We are the largest processor of PTFE in the United Kingdom”



Moulding clean room

All our rods and tubes are moulded in a temperature-controlled, pressurised clean room.

Compounds & Colours

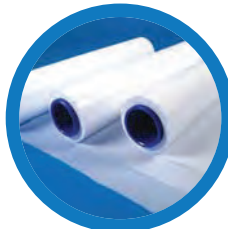


We offer a variety of colours and fillers

Dalau has a custom-designed blending facility where PTFE based compounds and colours are blended in a clean, climate-controlled environment and all come with the full confidence of the **dalcon** brand name.

These compounds can be moulded, extruded, processed into film and sheet or machined components, specific to your requirements.

Films & Sheets



Film

Superior Films

Dalau offers one of the finest-tolerance films on the market. Consistent innovation and investment in high precision CNC skiving equipment, allow us to produce exceptionally high quality films possessing outstanding physical properties and a clean, mark-free surface finish.

Size range 0.025 mm to 5.0 mm up to 1,500 mm wide.



Skiving clean room

Our Superior PTFE Skived Film is produced in a fully enclosed Class 10,000 clean room. Inline static eliminators and finite roll tension control give a superior finished product, meeting the exacting requirements of the PCB, LCD, TFT, and Semiconductor industries.



Slit film

We have the latest technology in high speed precision CNC multi-width slitting machines. A range of sizes of superior slit roll are available from our high quality PTFE, ETFE, Anti-Static PTFE and other release materials.

“Dalau - 60 years experience in providing innovative design solutions to our customers’ product applications.”

PEEK

PCTFE

PVDF

PTFE

We pride ourselves on having the capabilities to machine one-off prototype components or large batch sizes.

Precision Machined Components

Dalau specialises in the precision machining of components in all engineering plastics made to the medical, electronic, and aerospace industries' most stringent technical specifications.

Our CAD (Computer-Aided Design) system allows our designers to create 3D computer models simulating customers' requirements.



Our state-of-the-art DMG high precision 5-Axis machining centres are designed for 5-sided and simultaneous machining.

Unprecedented 5-Axis flexibility for one-hit machining, housed in a fully enclosed temperature-controlled room, with the counter balanced CMM measuring arm allowing us final inspection on the machine.



Micro machine

Small Scale to Large Scale



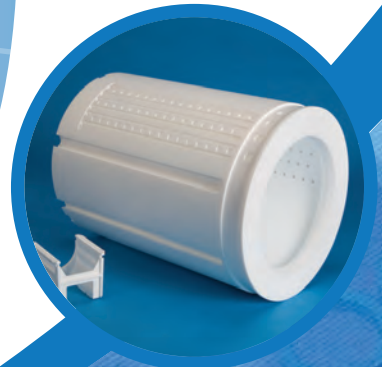
DMG 5-Axis precision machining

"We are continually investing in the latest machining technology"



Micro component

Materials: PEEK, PCTFE, PVDF, PTFE, Acetal, Delrin, Nylon, ETFE, PE-HD, PEI, PFA, Acrylic, PP, Polystyrene, PVC, PolyAmide-Imide, Polyimide, ABS, PPS, PET



Large component



Statistical Process Control (SPC)

Quality Control

Statistical Process Control

Our unique in-house designed SPC System captures data live at every point of the production process ensuring we monitor and maintain our high production standards.



CMM Quality control

CMM Quality Control

Our CMM (Co-ordinate Measuring Machine) uses the latest technology for superior measuring performance on complex, large components.



OGP Quality control

OGP Quality Control

Our reputation depends on the accuracy of the measurements made. The video measurement technology of our OGP (Optical Gauging Product) Smartscope guarantees reliable non-contact measurements.



DSC Quality control

DSC Quality Control

Our unique DSC (Differential Scanning Calorimeter) testing creates a "thermal fingerprint" providing important information on the material's thermal behaviour and guaranteeing it has been fully sintered.

"Our unique SPC system captures data live and analyses samples at all stages of production"

dalauTM

Fluoropolymer Products



BSI AS 9100:2018, Rev D
BS EN ISO 9001:2015 Q05588



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Underwriters Laboratories
dalcon 001:E135533

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