Quality 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

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

OGP Quality Control

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

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’s been fully sintered.

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

www.dalau.com
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**
- **Extracted 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.

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

**Compounds & Colours**
- Dalau offers 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.
- We offer a variety of colours and fillers.

**Films & Sheets**
- **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.
  - Our Superior PTFE Skived Film is produced in a fully enclosed Class 10,000 clean room. Inline static eliminators and inline reel tension control gives a superior finished product, meeting the exacting requirements of the PCB, LCD, TFT, and Semiconductor industries.

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

**Small Scale to Large Scale**
- Our state-of-the-art DMG High precision 5-Axis machining centres are designed for 5-axised and simultaneous machining.
- Unprecedented 5-Axis flexibility for one-hit machining, housed in a fully enclosed temperature-controlled room, with the counter balanced CHW measuring arm allowing us final inspection on the machine.

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

Fluoropolymer Products

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