



Plastic or Fluoropolymer components are moulded and machined to meet customers particular requirements. Although all products are made to customer specific drawings, typical components include ball valve seats, gaskets, washers, filter baskets etc and materials range from simple plastics such as Nylon, Delrin, UHMWPE to specialist fluoropolymers such as PEEK, PCTFE and obviously PTFE. Duflon can cater for one-off quantities upto large scale mass production quantities



PTFE Machined Components



Duflon is able to supply a huge range of moulded and machined components using Fluoropolymers or Engineering Plastics. They are sometimes referred to as being "precision turned components".

Typical components used in industry include:

- Washers
- Chevrons / 'V' Rings
- Gaskets
- PTFE Balls
- Seats / Shaft Seals

- Bellows
- PTFE O-Rings
- Diaphragms

Manufacturing Process:

- In-house stock shape production using RAM or PASTE extrusion, Isostatic Moulding, Compression Moulding, CNC Machining, CNC Milling, Conventional Machining

Sizes: From a few 'mm' up to 2 metres

Quantities:

Duflon is able to support customers with a few pieces for prototype projects up to large production quantities. Fast turnaround prototype facilities are available.

Typical Materials:

- PTFE
- PFA
- PVDF
- FEP
- PCTFE
- PEEK
- UHMWPE
- Delrin
- Nylon
- Acetal
- HDPE
- PP

All products are custom manufactured to customers specific requirements.

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