



**primasil**  
silicones



### Benefits

- Cost effective manufacturing technique
- Very quick drawing to production time
- Quick & easy to change specification

### Limitations

- Not suitable for some products
- Tolerances not as precise as with moulded parts

### Costs

- In house tool-making ensures lowest possible costs
- Fixed tooling cost for specification changes
- Cost per metre depends on order quantities
- Costs kept to a minimum as we mix our own materials on site

### Contact details

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## Extrusion

**Extrusion is the process whereby silicone is forced through a shaped die to produce tubes, profiles and cords.**

### Applications

- Primasil supplies extruded silicone products for every industry.
- For products that demand total purity, platinum cured silicone eliminates the risk of contaminating fluids and liquids passing through it, and is commonly used for medical and food applications. This material is FDA and WRC approved, and can be manufactured in our class 10,000 / ISO7 clean room.
- Most extrusions can be supplied cut to length with an adhesive backing if required.
- Primasil has developed a low smoke / low toxicity silicone compound that is self-extinguishing and does not give off harmful gas when ignited. This material meets UL94, and is consequently used as the basis for many mass transit applications.

### Quality

Manufactured in accordance with ISO9001:2000 quality standards. Dimensional tolerances comply with BS 3734: Part 1:1997 (see *overleaf*). Higher tolerances may be possible.

### Prototypes & Samples

Extrusion is not an exact art, and novices soon realise that shrinkage and expansion of the material can make drawings useless. At Primasil, we prefer to use our experience and key principles to design extrusion tooling to produce the product you want. In fact, we are so confident of our ability, we supply the initial tooling at our own expense, even if you cannot supply drawings.

### Lead-times

Primasil is proud to offer the shortest lead times in the industry for the supply of silicone extrusion. We can typically supply samples within two days for regular enquiries, with or without drawings!