



## FineCal Product Guides

### Polythene Product Information / Data

FineCal's Polythene bags are sourced from reputable suppliers / importers who have vetted those manufacturing companies to ensure their production methods retain high quality & reliable standards throughout.

Polythene based materials are the most commonly used due to their strength, flexibility, ease of conversion and ability to house various products for packing, distribution or storage purposes - no matter what the industry.

Various sizes are readily available including an assortment of thicknesses from light to heavy duty versions. Included also are open-top and grip-seal (with/without write-on panels) to help with the recording and identification of contents.

In addition, the bag range is suitable for food use: specific details on request.

Sizes from 37 x 62mm to 900 x 1200mm (depending on the bag type), and Thicknesses from 40 to 500 gauge.

Polythene: CAS# 9002-88-4. Non SVHC. Material is considered inert and meets the Packaging (Essential Requirements) Regulations 2003.

Colour: Standard Clear. Refuse Bags: Black. Mailing Bags: Opaque Grey.  
*Other colours including bespoke are available but minimum order quantities will apply.*

Packing: Contained in outer cartons. Some with cut-outs to fulfil handling.

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### Polythene Production – the basics

The most common system of manufacture used is the "Blown" method in the extrusion process. Resin chips (pure) are melted at high temperatures and converted into a pliable structure which enables them to be easily forced through dies to form a continuous 'sausage' tube. During this process, the molten tube is conveyed vertically and periodically gets closed off at one end to allow air to be pumped in to govern the needed film thickness. Further along the line, the tube cools down and becomes more solid. The tube is flattened and reeled up prior to being cut to the required length in conjunction with automated heat sealing machinery.

Pigments can be introduced to the molten resin & coloured polythene can be readily produced.

To find out more or to help you further, call us on 0845 274 1111 or send your message to [enquiries@finecal.co.uk](mailto:enquiries@finecal.co.uk)