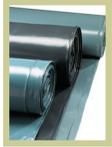


Applications

Mattress Bags
Sofa Covers
Chair Covers
Shrink Covers
Pallet Hoods
Refuse Sacks
Carrier Bags
Sleeves

Box Liners
Layflat Tubing
Mailing Bags
Printed Bags
Builders Sheets
Spraybooth Sheets
Rubble Sacks
Aggregate Sacks

Bubble Bags
Bubble Wrap
Coloured Bags
Grip Seal Bags
Component Bags
Compacter Sacks
Fertilizer Sacks
Specimen Pouches



Help and advice

For further information, or if you require a quotation for any polythene item, please contact us at:

enquiries@durasak.co.uk

tel 01254 693 943

www.durasak.co.uk

Notes



polythene handbook

the key to purchasing the right polythene for your business

Useful tips and suggestions to help with polythene purchasing, including:

Trade Specification Terminology

Print on Polythene Cost Options

The Extrusion Process

F.A.Q's

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Extrusion

PE

Polyethylene or 'Polythene' this term defines a bi-product of the oil refining process that is a flexible and lightweight yet strong material, being suitable for many applications.

Polymer granules are heated to melting point and compressed air is applied to the molten polymer to 'blow' the polymer into a tubular bubble that rises and cools simultaneously.

Width limiters keep the bubble to the specific size required and the cooling tube is steered over the top roller and fed in a downwards direction, whilst also flattening the tube into the 'layflat tubing' format.

To form the tube into bags: From jumbo rolls that the tube has been wound onto, seals are added and the tube is cut into individual bags as '*singles*' or in reel form 'POR' by sealing and adding perforations for tear-off use.



LDPE

Reference Terms

PE	Polythene
LDPE	Low Density Polythene
LLDPE	Linear Low Density Polythene
MDPE	Medium Density Polythene
HDPE	High Density Polythene
TINTED	Non-opaque PE with 1-4% Masterbatch Colour
VIRGIN	Extruded from New PE Polymer
REGRAN	Recycled from Existing Polythene
REPRO	From In-House PE Extrusion Waste
JAZZ	Post Consumer Polythene Waste
BLOCKING	PE Walls Stick Together
GUSSETED	Width folded within the newly-blown tube
SWN	Standard Warning Notice (Child Suffocation)
SHRINK	Suitable for Shrinking When Heat Applied
LFT	Layflat Tubing
CFS	Centre Fold Sheeting
MFS	Multi-fold Sheeting

FREQUENTLY ASKED QUESTIONS

What applications can recycled Polythene be successfully used for?

If you are using an application where the polythene does not come into contact with foodstuffs or does not need to be used within a clean room environment RECYCLED POLYTHENE is the logical choice.

When you compare first extrusion 'virgin' polymer with RECYCLED polymer granules (often known as 'REGRAN') there is not noticeably much difference between the two even when Natural PE is required if the 'regran' or 'repro' is of the superior in-house grade whereby it was collected within the same extrusion factory. The only inferior factor that needs to be considered is the tensile strength being less consistent than virgin with it being produced from mixed batch blow ratios.

So if you are purchasing: spraybooth sheets, builders sheet, compactor bags, rubble sacks, chair/sofa covers, mattress bags, white goods covers, pallet hoods, component bags and other applications RECYCLED POLYTHENE may be the best choice for your company.

It is more environmentally friendly than virgin pe and usually costs at least 5% less, in other words it does the job required and "doesn't cost the earth!" Refuse and other waste sacks tend to be produced from 'JAZZ' pe which is reclaimed from post consumer waste and sometimes carries with it some odour and residue but it is of course environmentally friendly to use.

What would it cost to add print to any polythene item?

- **Child Standard Warning Notice** size random print x 1 side.
Add 1 - 5% to plain price. **Print Origination/plate making:** approx £50/lot
- **Flexo Spot/ Line Work** logo up to 2 sides in 4 colours random and fixed repeat logos expect to add 10 - 30% on to plain price
Print Origination/plate making: expect £100 - £500/lot (subject to logo size)
- **Full Colour Process Print:** micro-dots creating multi-colour appearance from Yellow/Cyan/Magenta/Black + any specials required to enhance.
Suitable for prestige products expect to add 40 - 80% onto plain price
Print Origination/plate making: expect £800 - £1300/lot

Can a small amount of printed carriers be purchased for exhibition or High Street shop use?

Yes, a quantity as low as 1,000 bags can be purchased with the Vari-gauge style punched out handle top providing a quality looking finish with any colour printed on a white bag with printed logo on both sides giving a prestigious appearance.
cost from around £300 / lot