A4 STOCK SPECIALITY SPEC SHEET

MULTIPURPOSE (LASER/COPIER/INKJET PRODUCTS)

Matt White Polyethylene with a permanent adhesive – BS5609 part 2 approved
(MWPE)
Suitable for a wide range of outdoor and robust labelling requirements especially haz-chem labels, where longevity and durability are required in a digitally printable material. Specifically designed for use on 'hot fusion' printer systems (laser & copier).

Special Notes: We sell a great deal of this material to a wide variety of end users. But it should be understood that it is thicker than the theoretical capability of most desktop printers and yet for the vast majority of users it is very very reliable. However, due to the raw material suppliers manufacturing process it can also vary in calliper by up to 15% and the combination of already being thick coupled with this amount of variation can sometimes trigger a period of more frequent jams. We are very sorry that this situation might occur but it must be regarded as a part of the character of the material. We are unable to entertain feed related complaints in relation to the above. The material also has a very high coat weight of adhesive and we are also unable to entertain adhesion bleed complaints, however if our window trim feature is incorporated we can guarantee adhesive free edges!

Face material properties

Grammage	105 gsm + or – 4 gsm
Calliper (thickness)	180-200 microns. (This material has a great deal of calliper variation).

Adhesive
A clear permanent, water based emulsion acrylic based adhesive with good tack & adhesion on a wide range of surfaces. Specially designed for the labelling of chemical drums Approx 18-20 gsm. Our window trim feature is essential due to the heavy coat-weight of adhesive to ensure and maintain good reliability.

Minimum application temp.	+5□C
Storage range once applied	-40□C to +80□C (Up to 195□C for short periods during printing).

Backing
A siliconized special kraft paper with good lay-flatness & stability

Thickness	90 microns + or – 6mu.
Grammage	85 gsm + or – 5gsm

Environmental: All papers used, are from managed sustainable resources and the laminate is manufactured without the use of solvents and under the controls of ISO 14001.

Handling and storage: The labels should be kept in their original bags & boxes and stored in dry conditions. The product should be used only after being moved to the print room for a minimum of 48 hours prior to use. Print room conditions should be at a temperature range of 19-22deg C and a humidity of 45 to 60%RH. If effectively stored a shelf life of two years can be expected though not guaranteed.

Markets and Uses
Polyethylene is generally chosen over Polyester due to its pliability; the strong adhesive and pliable material is ideal for curved or uneven surfaces. Chemical drum labelling is a major user of this product which also has the benefit of BS5609. Commonly used outdoors or in wet/damp conditions so wheelie bins, bathroom, kitchen or Garden products. Also, a good product for signs within construction, engineering or maintenance companies, where they are subject to changeable weather conditions. Wristbands for hospitals or festivals.
Garden Centres, Bathroom/Kitchen Product Manufacturer, Wheelie Bins, Chemical Industry, NHS, Event Companies, Outdoor Use
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