



**Hibiscus Plc**  
THE PRINTING PLANT

# Specification: Gloss/Matt White Top Coated Polyethylene (Flexo)

Labels flexographically printed onto Gloss Or Matt White Top Coated Polyethylene with 'RB' permanent adhesive and supplied die cut/perforated or butt cut in the reel or sheeted with or without overlamine.

## 1. Polyethylene - Tested for compliance with BS5609 (Labels for Marine Use) where applicable

### Face Material

Caliper :100 micron ( $\pm 10\%$ )  
Weight : 110g/m<sup>2</sup> ( $\pm 10\%$ )  
Film service temperature - 40°C to + 120°C

### Backing Paper

Glassine  
Weight: 65g/m<sup>2</sup> ( $\pm 10\%$ )  
Caliper: 55 micron ( $\pm 10\%$ )  
or  
Weight: 80 g/m<sup>2</sup> ( $\pm 10\%$ )  
Caliper:: 70 micron ( $\pm 10\%$ )

Kraft  
Weight: 85g/m<sup>2</sup> ( $\pm 10\%$ )  
Caliper: 90 micron ( $\pm 10\%$ )

### Adhesive

Permanent rubber based adhesive  
Coat weight 22g/m<sup>2</sup>  
Excellent tack  
Minimum application temperature 0°C  
Adhesive service temperature -20°C to +70°C  
Very good UV resistance

## 2. Inks

- Flexographic inks reduced in Methyl Ethyl Ketone and specially formulated to give good adhesion, gloss, rub resistance, high colour strength and resistance to bleed in adhesives commonly used on vinyls.
- Light Fastness - Special pigments are used to provide very high resistance to fade.

### Blue Wool Scale Value

Yellow	7	Black	7
Reflex Blue	7	Red	7
Cyan Blue	7	Orange	7
Green	7		

## 3. Overlamination (where applicable)

25 or 30 micron thick polypropylene film coated with age resistant acrylic adhesive.

## 4. Inspection Status

All labels in reels are inspected visually. Traceability labels are applied to each finished roll/carton of labels indicating Customer order number and Hibiscus works order number..

## 5. Label Service Temperature

Labels produced in this material should be used within the temperature range -20°C to +70°C. It is advisable to minimise exposure at the top end of the temperature range to avoid premature failure.

**NOTE** - The values given in this specification are typical, the information being given in good faith but without warranty.

**Specification:**  
Gloss/Matt  
White Top  
Coated  
Polyethylene  
(Flexo)