



Hibiscus Plc

THE PRINTING PLANT

Hibiscus Plc.
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SPECIFICATION : Tape Labels

Tape labels flexographically printed onto Gloss White Vinyl with white permanent adhesive, overlaminated with transparent polypropylene, self wound into reels without backing paper and perforated.

1. Vinyl -

Face Film

Poly Vinyl Chloride
Caliper : 35 microns
Tensile strength 5kg/cm

Adhesive

Solvent based natural rubber permanent adhesive
High initial tack
Application temperature +8°C to +35°C
Adhesive service temperature -20°C to +60°C
U.V. resistance moderate

2. Inks

a) 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.

b) 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

23 micron thick polyethylene terephthalate film coated with solvent based natural rubber permanent adhesive. Tensile strength : 4.8kg/cm
Elongation at break : 80-100%
Service temperature -5°C to +40°C
U.V. resistance moderate.

4. Inspection Status

All tape labels are visually inspected during printing. In addition, the outer label of each reel is also inspected for print acceptability.
When a roll is removed from the printing machine the printing plates dry. For this reason, at the start of each roll there is a small number of waste labels caused by the printing plates inking up. Since this product is not rewound for quality inspection, this waste is left on the roll and the quantity of labels wasted is compensated for in the final roll length.
Each finished roll contains a minimum of 33m of usable labels.
Traceability labels are applied to each finished roll 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 -5°C to +40°C. It is advisable to minimise exposure at the top end of the temperature range to avoid premature failure.

6. Shelf-life

Labels produced in this material should be used within **12 months** of delivery from Hibiscus.

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

Authorised by : Date :

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