

Topic: **Space Dyeing**

REF: TT/ September 2017/ WK 4

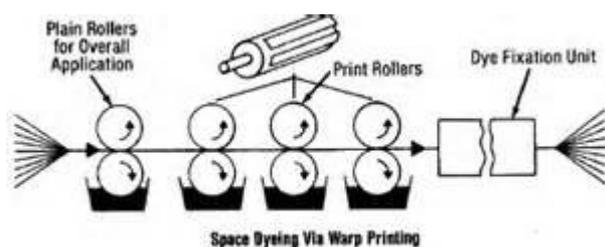
What is Space Dyeing?

Space dyeing is a technique used to give the yarn a unique, multi-coloured effect. It produces beautiful patterns for apparel and home furnishing. Space dyeing can be performed on the different types of textile fibres like Cotton, Viscose, Polyester, Wool, Silk, Acrylic, Nylon and their blends.



Methods of Space Dyeing

- **Hank or Skein printing** – Produces printed yarn at specified points and length.
- **Package form printing** – Colors are injected by hand into the package or package is dipped in the different dye solution.
- **Knit de knit process** - The yarn is first knitted then printed followed by unravelling.
- **Warp yarn printing** - Multiple strands of yarn are continuously printed at spaced intervals with different colours.





Advantages

- Producing special effects
- Reduced consumption of dyestuff and chemicals
- Avoidance of printing thickener
- Considerable reduction in effluent

Challenges

- Streaks formation on the fabric due to overlapping of colours
- Blurring of adjacent colour bands
- Dye dripping between different yarn layers
- Dye overspray adding to cost and waste handling

Wishing you a great week ahead!

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