

PrintRite™ DP 300 Ink Receptive Coating

Formulated pretreatment for DTG digital printing

PrintRite DP 300 is a ready-to-use, custom pre-treatment formulation designed to be applied via spraying or padding to dark colored cotton or cotton poly blend T-shirts which are subsequently used for direct to garment (DTG) inkjet printing using water-based pigment inks. PrintRite DP 300 has been engineered to provide a high quality digital print image with vivid colors and excellent wash durability while maintaining soft hand feel and stretchability of the T-shirt fabric. PrintRite DP 300 is supplied in a concentrated form. It needs to be diluted with deionized water at 1:1 ratio before it is used as a pre-treatment coating for dark colored cotton or cotton blend T-shirts. It can be applied via a sprayer or a padding process. Since the coating may settle while sitting on the shelf, the container needs to be shaken well to get rid of the settleings on the bottom prior to each use. To achieve the best results, the coating needs to be applied uniformly to the fabric at a wet add-on weight of about 0.08 g/in² (120 g/m²). Recommended drying/curing temperature is 145°C to 160°C for 2 to 3 minutes for improved crockfastness and wash resistance of the printed shirts. For detailed application information and advice please contact your local sales representative.

FEATURES AND BENEFITS

- Crock Resistance
- High Print Quality
- Ideal for fabric applications including synthetics
- Ink Receptive
- Ready to Use
- Soft Hand
- Water Resistance

CHARACTERISTICS

Characteristic Name	Value
Appearance	White opaque liquid
Brookfield Viscosity (cps)	1 - 15 (Spindle 7, 100 rpm)
Solids (wt %)	40 - 45
pH Value	2.5 - 3.7

APPLICATIONS

- Digital Printing Coatings

AVAILABLE REGIONS

- Asia Pacific
- EMEA
- Latin America
- North America

REGULATORY STATUS

Please see the product's current material safety data sheet, SDS, for regulatory information. You can request an SDS at www.lubrizol.com/coatings.

Should you have questions on additional topics, please feel free to contact your Lubrizol representative or one of our regional Customer Assistance groups listed here:

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