

PrintRite™ DP 316 Ink Receptive Coating

Formulated Pretreatment Concentrate for Textile Digital Printing

PrintRite™ DP 316 is a formulated, concentrated, water-borne, pretreatment for water-based pigment ink digital printing on cotton and cotton-polyester blends. Once applied it provides an invisible finish with minimal impact on original fabric handle. Supplied at approximately 20% solids (by weight) it is diluted with DI water (typically 4:1) prior to use. It is the concentrated version of PrintRite™ DP 306 (which is supplied as a ready-to-use liquid at 4.5% solids (by weight)). After dilution, PrintRite™ DP 316 is designed to be applied via spraying or padding to light colored cotton, polyester or cotton polyester blend fabrics which are subsequently used for wide format, roll-to-roll, direct-to-textile digital printing using water based pigment inkjet inks. PrintRite. Once diluted with de-ionized water, it is best to use within 1 week. For optimal performance, please contact your account manager or technical market manager for the DP306/DP316/DP316A processing sheet.

FEATURES AND BENEFITS

- Abrasion Resistance
- Adhesion
- Antibacterial Protection
- Breathable
- Clear
- Durable
- Flexible
- High Optical Density
- High Print Quality
- Ideal for inkjet print applications
- Ink Receptive
- Non-Bleed
- Oekotex Tested
- Printability
- Rub Resistance
- Scratch Resistance
- Smudge Resistance
- Soft Hand
- Water Resistance

CHARACTERISTICS

Characteristic Name	Value
Appearance	Transparent Amber Liquid
Brookfield Viscosity (cps)	10 to 200 (RVT @ 25C
Density (g/cc @ 25 °C)	1.06
pH Value	1.8 to 3.2

REGULATORY

- Ammonia-Free¹
- Formaldehyde-Free¹

¹Not intentionally added to the composition of this product

APPLICATIONS

- Apparel Coatings
- Home Furnishing Coatings

AVAILABLE REGIONS

- Asia Pacific
- EMEA
- Latin America

RECOMMENDED STORAGE AND RE-TEST DATE

Lubrizol recommends retesting quality after 180 days. See SDS for storage conditions and handling instructions.

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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