

# DC UV-1818

## Matte OPV for Polyolefin Tube Coating Applications

DC UV-1818 is a 100% solids, UV curable overprint varnish (OPV) was designed to impart a low gloss, matte finish and protection to printed polyolefin substrates especially those with circular, tube shapes. When cured, OPV is flexible and produces a smooth feel to the touch. Additionally, DC UV-1818 displays excellent scuff, rub, and abrasion resistance as well as lower COF properties. Additionally, it may be used in hot stamp applications, as well as in printing applications with most UV, solvent, and water-based inks.

### Typical Properties

<b>Viscosity RVT #3 @ 20 rpm</b>	6000 ± 2000 cps
<b>Weight per gallon</b>	8.0 lbs
<b>Color Before Curing</b>	Hazy, light tan
<b>Optical Brightener</b>	Included
<b>Shelf Life</b>	12 months after manufacture date

### Application Information

<b>Application Method</b>	Roll coater
<b>Recommended Coating Weight</b>	11 – 13 g/m <sup>2</sup>
<b>Packaging</b>	Pails and drums
<b>Cleanup</b>	Organic solvents

### Cured Product Properties on 2 mil white BOPP

<b>Recommended Cure Conditions</b>	H Bulb: 300 W/in at 50-100 ft/min
<b>Appearance After Curing</b>	Colorless, matte
<b>60° Gloss</b>	< 25 GU
<b>Sutherland Double Rubs</b>	100+ with 2# weight
<b>Slide Angle</b>	10° - 35°
<b>Static COF</b>	< 0.2
<b>Kinetic COF</b>	< 0.2

### Handling & Storage

Under normal conditions, product is stable for 12 months in an unopened container. Store drums in dry areas and keep them tightly covered to prevent contamination. Do not mix with any other products.

### Safety Precautions

Consult Material Safety Data Sheet for hazardous ingredients, disposal methods and related handling information. Use product with adequate ventilation and avoid breathing vapors. Take precautions against skin contact with the molten adhesive to prevent serious burns.

**www.dyna-techadhesives.com** - **800.847.7773 (Toll Free)** - **304.265.5202 (Fax)**

This product information is presented in good faith and is to the best of our knowledge, accurate. It is intended to be used as a guide and is not to be construed as a specification for products described herein. Dyna-Tech does not guarantee satisfactory results in any application from reliance upon this information and assumes no liability for any loss or damage arising out of its use. Dyna-Tech recommends that the user of our products thoroughly test them under end use conditions to assure that they meet the requirements of intended applications.