

PERFORMANCE FEATURES

- Excellent water repellency
- Recyclable and repulpable
- Low 30-minute COBBs
- Printable
- Heat Sealable
- FDA/BfR compliant for food contact
- Made from recycled plastics & renewable resources

Product Description

Ulterion[®] 500 HCTC is a high solids coating developed for water repellency. It has been formulated to replace PE and wax coatings for hot and cold-water holdout in cup stock applications. It is recommended to applied topically over Ulterion[®] 300 HCBC.

Typical Properties

Solids, %	49
pH	8.0
Appearance	Opaque, Amber Liquid
Viscosity, cPs	150 – 1,000
Origin	USA

FDA Status

Ulterion[®] 500 HCTC may be used with all foods under all may be used with all foods under all temperature conditions of use, and that such use may be properly said to comply fully with the Federal Food, Drug, and Cosmetic Act and all applicable food additive regulations, including 21 C.F.R. § 176.170 and 21 C.F.R. § 176.180. The finished paper and paperboards are subject to the extraction limitations set out in Section 176.170(c) of the food additive regulations.

MARKET USES

- Hot and Cold Cup Stock

Application Methods

Ulterion[®] 500 HCTC should be used as received. Application temperature should be between 65° - 95°F (18° - 35°C). Water may be used to reduce viscosity to achieve optimum results on certain equipment. It can be applied by various types of coating equipment such as rod, blade, anilox roll, and air knife. Sufficient volumes of hot air should be used for optimal drying. Properly coated and dried, the surface energy of coated paper or paperboard should measure around 36 dynes. For optimal water hold out, after application the web temperature should reach 215° - 225°F (102° - 107°C). Reel temperatures should be below 100°F (37°C) to prevent coating transfer. The topical coating should be used in combination with Ulterion[®] 300 HCBC as the base coat.

Handling / Storage Stability

The *Ulterion[®] 500 HCTC* is a made to order product, which should be kept in cool, dry conditions. Ideal storage temperatures are 40°F to 75°F. Temperatures above 90°F will decrease the shelf life considerably. Optimal storage conditions will yield a shelf life of 120 days from the date of manufacture.

Product Safety

When considering the use of *Ulterion[®]* brand products, please refer to the latest Safety Data Sheets (SDS). If a SDS for this product is required, please contact your **Jain Chem Representative**.