

Technical Data Sheet  
STARKOTE® AQ-3040NC  
Aqueous satin coating

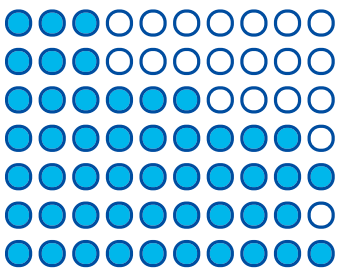
Product Description

Aqueous satin coating, 40 gloss, with good overcoatability and foil stampability. Starkote® AQ-3040NC complies with the compositional requirements of the Nestle’ Guidance Note on Packaging Inks and Swiss Ordinance (SR 817.023.21).

| General Information  |                                                                                                                                                                                                                                                                                                                                                 |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type         | Coatings                                                                                                                                                                                                                                                                                                                                        |
| Product Technology   | Water based                                                                                                                                                                                                                                                                                                                                     |
| Field Of Application | Paperbased Packaging, Publication & Commercial, Advertising, Books, Brochures, Catalogs, Commercial, Cosmetic packaging, Decorative packaging, exterior, Displays, Folded Boxes-Household/Hardware & Electronics/other non food, Other non-food, Shelf-ready packaging                                                                          |
| Properties           | An overcoating with UV varnishes and water based coatings is possible., Good printability, good adhesion, Good wetting on different printing inks, e. g. conventional, UV printing inks, web offset printing inks, make tests!, Proves in practice to be suitable as coating for the later counter glueing., Suitable for the two-sided coating |
| Optic                | Satin                                                                                                                                                                                                                                                                                                                                           |

Properties

- Gloss
- Scuff Resistance
- Slip Surface Smoothness
- Hot Foil Stamping
- Two Sided Coating
- UV Varnishing
- Counter Glueing



| Product Characteristics |                                                              |                  |                  |
|-------------------------|--------------------------------------------------------------|------------------|------------------|
| Viscosity               | • ~ s -1 (15-18) -2 (19-22) -3 (23-26) (#3 Zahn Cup at 23°C) |                  |                  |
| Hot Foil Stamping       | Yes                                                          | Glueability      | Yes              |
| Drying AQ               | • Hot air knives with air evacuation                         | Slip Angle       | 22 +/- 2 degrees |
| Heat Resistance         | 180°F @ 16 hrs @ 2 PSI                                       | Anti Penetration | No               |

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## Substrate Recommendation

- Coated Board
- Coated Paper

## Application Method

- Blanket, Tower, Dampener and Anilox Coaters, 9-11 bcm

## Storage Instructions

- Shelf-life 6 months
- Applies to closed original containers at 5°C up to 30°C.
- Protect from frost, heat and sun exposure. Storage may cause a change in viscosity. We recommend to check the viscosity and adjust - if necessary - with water.

## Cleaning Instructions

- Please clean machine and tools immediately with room temperature water or hot water. In cases where the coating has been left to dry, warm water and INKO Cleaner may be required.

## Regulatory Compliance

- For information about the food legislation assessment of this product (e. g. demands on the Nestlé Standard St-80.001 „Printing Inks for Food Packaging" (version 04-2022) and the Swiss Ordinance (SR 817.023.21 - ordinance of the Swiss Confederation on materials & articles in contact with food) or FDA & California Proposition 65) we ask you to contact our department for quality, environment and product safety.

## Contact Information

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## Disclaimer

The characteristics contained herein constitute binding product specifications which we warrant provided the conditions and testing methods mentioned therein are used. Any other subjective or objective requirements concerning the products are excluded. Any information herein about suitability, use or application of the products is non-binding and does not constitute a commitment regarding the products' properties, use or application. We recommend that you test our products in preliminary trials to determine their suitability for your intended purpose prior to use. No warranties of merchantability or fitness for a particular purpose are made regarding any products mentioned herein and data or information set forth, or that such products, data or information may be used without infringing intellectual property rights of third parties.