

Technical Data Sheet

WISKO COATINGS – W703

- A specialist low TG emulsion suitable for application in and off-line over conventional ink
- Exhibiting excellent scuff and blocking resistance
- Provides special soft surface for blister packing application.
- Suitable for subsequent after processing

Applications

WISKO COATINGS W703 has been designed for use on commercial and carton work, in-line over conventional ink. Designed to seal plastic blisters to board upon heating. Various blister materials such as PVC and APET can be used..

Single / Double Sided	Single
Heat Resistance	Minimum 90°C
Foil Blockable/Glueable	Yes

The exclusion of toxic materials makes this coating suitable for indirect food packaging.

Properties

Viscosity (Din4 @ 25°C)	35 - 40 seconds
Gloss	Medium/High
pH	7.9 – 8.5
Resolubility	High
Scuff/Rub	High
Slip	ST 0.50 – 0.60
Solids	43% +/-2

Substrate

WISKO COATINGS W703 has been designed for use on most paper and board substrates.

We do not recommend use of this product on low grammage stocks (<115GSM).

Machine / Printing

WISKO COATINGS W703 is suitable for application via the majority of conventional in and off-line coating units, including Heidelberg, Komori, KBA, manroland, Mitsubishi and Ryobi. Seals should be obtained at temperatures between 150C and 170C. Dwell times of between 1-5 seconds at pressures of between 30 and 60 psi are required, but this will vary depending on substrate. In production it is essential to ensure that the stack maintains an even temperature, this temperature should be kept as low as possible while ensuring the coating is drying satisfactorily. A high film weight (eg. 8-12 microns wet film weight), should be applied for optimum seal properties.

It is recommended that the press is equipped with some form of accelerated drier such as hot air knives.

Storage and Shelf Life

- Store in temperatures not exceeding 30°C and not falling below 5°C!
- Store on either pallets or racking in order to protect from cold floors.
- Protect from frost
- If left unopened and kept in the correct conditions Waterbased products have a shelf life of 12 months.

Note

The information contained in this data sheet corresponds with our current knowledge and experience. The liability for the application and processing of our products lies with the buyer, who is also responsible for observing the third party rights.

We reserve the right to alter any of these details as a result of technical or manufacturing developments.

For any further information please contact the technical department at ECS (Nottingham) LTD

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