



AQUACONTACT INK SERIES

TECHNICAL DATA SHEET

Aquacontact Ink series is a series of process inks and Overprint Varnishes for direct contact with foodstuffs, Overprint Varnishes for the printing of corrugated cardboard (Post Print) and paper for direct food contact applications.

Aquacontact Ink series is suitable for machines utilising doctor blade or rubber roll squeeze systems.

Recommended Dilution

To achieve the desired print viscosity and/or drying speed we recommend the following dilutions:

Thinner: Water

To achieve the desired print viscosity add up to a maximum of 10% water.

If the colour strength of the ink is still too intense, any further dilution must be carried out with varnish. This ensures the correct properties of the printing ink.

Retarder:HRL

Quantity: 1% - 3%

For slower drying: Too much may induce colour smearing, colour transfer and contamination on machine parts.

Additives

Antifoam agent (to spray onto the ink)

Quantity: maximum 0.2%

Antifoam can be sprayed undiluted onto the surface of the printing ink with the aid of an aerosol can (as used for flower spraying)

Features	Applications
Suitable for direct food contact	Coated papers (only Post-Print)
Excellent printability	Uncoated papers
Easy to clean	Smooth papers
Good stability in the machine (press stability)	
Phthalates free	
The composition corresponds to the Plastic Regulations (EU) No 10/2011 and the evaluation of the European Food Safety Authority (EFSA)	

After spraying let the anti-foam work into the surface for a short time and then mix well. It is important to note that the anti-foam should be well mixed into the printing ink. Too much antifoam may induce streaks, pin-holes and further defects in the print.

Wax (for increased rub resistance)

Quantity: 3% - 5%

Should the rub resistance need to be improved, it is possible to add 3% - 5% wax to the ink. Add the wax to the printing ink slowly under stirring and mix well. Too much may worsen the rub resistance or cause too high slip values and smearing of the ink.

Cleaner (ESC)

Dilution: 1:6 depending on the amount soiled. For cleaning the printing unit, halftone cylinders and printing plates. For very soiled parts, it is possible to clean them by soaking in ESC.

Comments

We guarantee the stability of our products for 12 months when unopened, in original packaging and stored under normal suitable conditions. Shake or stir well before use.

Note: The foregoing is a technical specification and does not constitute a warranty express or implied. It is recommended that testing should be carried out prior to use.