

Technical data sheet

09.02.2023

WESSCO® 37.423.02 UV Coating High Gloss

TDS_3742302_en_GB

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UV curing under atmospheric conditions.

UV coating high gloss for finishing of print products.

Unsuitable for use in coating packaging for foodstuffs and other sensitive contents. This also applies to secondary food packaging where there is no barrier to prevent migration of substances to contents.

Applications

Commercial printing
Packagings

Substrates

Paper
Board
Plastic film

Physical-technical key figures

Flash point > 100.0 °C
Viscosity DIN 4 23°C 54 - 66 s

Reactivity

Slip properties

Flexibility

Gloss

Product features

Heat-sensitive
Colourless
Light-sensitive
Low odour

Coating film properties

Good resistance to chemicals
Immediate converting / finishing
Glueable
Closed film, high gloss
Suitable for hot foil stamping

Preparation for coating

Check the cleanness of the machines
Stir up the coating well

Application method

Flexographic printing
Inline
Offline

Machine speed

Must be adapted to the number, power and condition of UV lamps and substrate to ensure full curing of the coating film.

Drying / Curing

Atmospheric

The curing result may vary depending on the substrate and the condition of the UV curing unit.

Cleaning

Clean the machine and other equipment with acetate or alcohol after use.

Stacking properties

Check the pile in the delivery regularly to assess the degree of curing, the temperature and the flatness of the sheets.

Converting

Do not print the adhesive joint. Immediate further processing possible.

Storage and transport

Please note the appropriate safety data sheet according to 1907/2006/EC, in particular chapter 7 and chapter 14.

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Shelf Life

12 months stored between 5 °C and 35 °C, detailed informationen see chapter 7.2 of the safety data sheet.

Safety measures

Please note the appropriate safety data sheet according to 1907/2006/EC and the warnings on the containers!

Remarks

The information herein represents the current state of our knowledge. We do not accept liability for errors or omissions.

Due to the large number of applications and processing methods, it is essential that our products be tested by customers before use.