

Technical data sheet

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TDS_3761_en_GB

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WESSCO® 3761 UV Coating High Gloss

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
Labels
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
Low odour
Highly reactive
Light-sensitive

Coating film properties

Immediate converting / finishing
Not suitable for hot foil stamping
Closed film, high gloss
Not glueable

Good resistance to chemicals

Preparation for coating

Stir up the coating well
Check the cleanness of the machines

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

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

Curing must be checked regularly!

Cleaning

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

Product residues must be disposed of properly in accordance with the applicable regulations.

Remove dried residues with suitable cleaners.

Stacking properties

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

Converting

Can be used in scoring and creasing depending on printing material. Immediate further processing possible. Always carry out pre-tests.

Storage and transport

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

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.