

Advanced Lamination Sessions



From 24th to 26th
November
2015

AIMS

To learn about the main important points in Lamination machines. Lamination basic principles. Adhesives. Films more used in lamination process.

Gain confidence with the operation of the machine after the practical work.

Improving the efficiency of the lamination machine and optimize performance. To know the main solutions for common problems in lamination process.

Share professional experiences and interact with other converters.

ATTENDANTS

Addressed to:

Operators and professionals responsible for laminating process, who would like to understand, learn, become skilled and gain insights in lamination.

Language: English

ENROLMENT

From 24th to 26th November. Deadline: 10/11/2015

TECHNOLOGICAL CENTER MANEL XIFRA BOADA

Enrolment fee: **1,600 Euro (*)**

To confirm attendance, please send an e-mail to Mrs. Peggy van Vlijmen: peggy.vanvlijmen@comexigroup.com

(*) Fee includes hotel accommodation from Monday to Thursday (Thursday night not included), local transport, teaching material, lunch and dinner each day. Full payment must be made before the workshop starts.

Advanced Lamination Sessions Program

Tuesday 24th

- 09:00 - 10:00 Welcome, Comexi tour and program presentation.
- 10:00 - 13:00 Materials for flexible packaging (BOPP, PET, BOPA, OPS, Aluminium foil)
Types and technical features
Applications and comparisons
Advantages and disadvantages
Most common problems in printing and laminating
Queries and questions
- 13:00 - 14:30 **LUNCH**
- 14:30 - 15:45 Inks for lamination: Concept and applications.
- 15:45 - 16:45 New biodegradable materials:
Concepts: sustainability, compostability, biodegradability and recyclability. Trends in sustainability.
- 16:45 - 17:30 Practical Session: New biodegradable and compostable materials and adhesives, use and applications.

Wednesday 25th

- 09:00 - 12:00 Adhesives
Objectives
Adhesives for B/WB/SF: basic concepts
Handling and use: before, during and after lamination
Troubleshooting: adhesives
- 12:00 - 13:00 Lamination Machine concepts
Solvent less laminator
Solvent laminator
Water base laminator

13:00 - 14:30 **LUNCH**

14:30 - 15:30 Mixers
Concepts and practice mixture ratio

15:30 - 17:30 Practical sessions: Solventless lamination
Optimization in solventless lamination process according different structures

Thursday 26th

- 09:00 - 10:00 Lamination trends
- 10:00 - 11:00 Troubleshooting: round table
- 11:00 - 12:45 Practical session: Solvent lamination
Use a chromatograph to compare the retention of a solvent on a printed and non-printed film.
Different lamination speeds
Bond Strength test
- 13:00 - 14:30 **LUNCH**
- 14:30 - 16:15 Continuation of practice session
16:15 - 17:00 Productivity lamination concepts
- 17:00 - 17:30 **CLOSING**
Conclusions. Course evaluation and certificates of attendance

Collaborations:

