



ECO-FRIENDLY MANUFACTURING

State-of-the-art thermal oxidizers remove 99.99% of pollutants before they are released into the environment.

CAPABILITIES

With slot die, direct gravure, and micro-gravure technology, D&K Coating Technologies can handle any custom or toll coating job, regardless of the size or scope of your coating project.



QUALITY RESULTS

Continuous film web cleaning and digital scanning of coat weight application ensures consistent,

quality results on your project. Clients are encouraged to view the coating process and witness their results firsthand.

PARTNERSHIP

Regardless of the final application, D&K Coating Technologies works with clients to provide the best possible coating solutions at an affordable price.



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Coating Technologies

A Division of D&K Group, Inc.

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OVERVIEW

D&K Coating Technologies, Inc. is a sister company of D&K Group Inc., a worldwide manufacturer of extrusion coated thermal films and trademark laminating equipment. D&K Coating Technologies specializes in custom coating and toll coating of high-tech pressure sensitive applications utilizing state-of-the-art slot die and gravure coating capabilities.

SCHEDULING

A 3 - 4 week lead time is typically required. A purchase order must be placed one week prior to the run, and all raw materials should arrive 2 - 3 days prior to the run.

RAW MATERIALS

D&K Coating Technologies works with clients to offer a variety of coating options:

- D&K provides all raw materials
- Customer provides all raw materials
- Combination of D&K and customer-supplied raw materials

Specifications:

40" OD; 2000# max. weight.

QUALITY ASSURANCE

After a raw material has been specified by the client, D&K accepts deliveries with a supplier's Certificate of Analysis. Raw materials are also randomly checked for appropriate quality characteristics. This ensures consistent product performance that meets all client specifications.

PROCESS CONTROL

D&K Coating Technologies offers state-of-the-art custom coating process control. D&K's industry-leading coaters features fiber optic PLC controls that ensure a consistent coating thickness profile throughout the manufacturing process. The PLC controls regulate all coating operations including tension, speed, temperature, air flows, oven pressure, rate of evaporation, and roll size. An integrated beta scanner also continuously measures coat weight application and allows for precision adjustments to the coating die.

PACKAGING & SHIPPING

Shipping is prepaid by consignee. All packaging features D&K's standard roll labeling. After the product leaves the plant, D&K will fax or e-mail a master roll shipping list.

FINAL PRODUCT SAMPLING

D&K performs quality assurance testing on every master roll until process capability has been demonstrated. After process capability has been confirmed (typically after 30 master rolls), Q.A. testing will be performed on every third master roll.

TYPICAL MASTER ROLL TESTING

Master rolls are tested for adhesive and physical properties including peel, shear, thickness, gloss, etc. A certificate of analysis and a yield/material inventory report will be available within seven days after a run.

ROLL REPORTING

Three cross web samples from the end of each roll are retained and stored for two years. Each roll includes a roll report and a 1D or 2D defect map in the packing list.

PRODUCT SPECIFICATIONS

Once a sufficient history has been developed, D&K will work with Q.A. departments to develop a Product Specification Sheet.

