

Customized Solutions for Coating, Metallizing and Laminating



Making Films Function Around the Globe and Beyond

For nearly 40 years, customers have partnered with the DUNMORE Solutions Team by developing successful coating, metallizing, laminating, and converting systems for their unique program requirements.

About

DUNMORE



Working with you in the strictest of confidence, the DUNMORE Solutions Team develops a full understanding and appreciation of the critical performance parameters of your proprietary application. This is the foundation of our approach to every manufacturing services program.

Our dedicated, experienced, and ISO-Certified Solutions Team is composed of professional Program Managers, Chemists, Process Engineers, and experienced operators. When you work with them, you get the benefit of hundreds of years of industry experience designing custom program solutions.

DUNMORE partners expect us to share creative ideas and co-develop a best-practices process. And they deserve no less. Our experienced Solutions Team, coupled with our operational capabilities and our three strategic locations, create a distinct competitive advantage and a proven formula for success.

At DUNMORE, we understand that global competition is tougher than ever, especially in the world of solvent, aqueous, and radiation-cured coating, metallizing, and laminating. We also know that today's shorter lifecycles require quicker turn-around. To keep pace, we provide concepts, develop prototypes, run pilot trials, and scale up with multiple production runs to achieve full commercialization. All while our people partner with you to keep your project on track, on time, and on budget.

We invite you to challenge our dedicated Solutions Team to bring your proprietary program to a rapid solution with long-term benefits.



Markets We Serve

- Contract / Manufacturing Services
- Imaging
- Security
- Specialties
- Surfacing Films



- Aerospace
- Aircraft
- Appliance
- Automotive
- Electronics
- Fashion Apparel & Accessories
- Food/Beverage
- Packaging
- Health & Beauty Aids
- Home & Garden
- Home Décor
- Lighting
- Merchandising
- Sports Equipment

Research & Development

Our team of 17 chemists, technicians, chemical and process engineers are experienced and prepared to protect trade secrets or assist in developing intellectual property. We have over 4000 sq. ft of offices and laboratories at our main research center at Bristol, PA with additional facilities and personnel at Brewster, NY and Freiburg, Germany. Our state-of-the-art videoconferencing is one of the tools used to communicate with our international colleagues.

DUNMORE maintains pilot facilities for coating, laminating and metallizing at our main center. Our pilot coater supports multiple coating techniques, thermal and UV curing, and corona treatment. Our wet and dry laboratories have a full range of testing equipment and instrumentation featuring excellent color matching instrumentation. DUNMORE invests in dedicated R&D resources and process equipment with development partners in appropriate projects.

The DUNMORE Team looks forward to providing the right solution for your unique program requirements!



Doing More to Develop Solutions

Where some companies just talk about development, DUNMORE delivers. And because of our commitment to new ideas, we are uniquely equipped to work with you.



Confidentiality is a cornerstone of our design and development services. We appreciate and understand the value of new ideas and concepts, and we take the appropriate measures to ensure that your intellectual property is protected.

We are committed to bringing your project from concept to full commercialization through a systematic, proven approach—from the appropriate prototype to a series of scaled-up production runs.

Toward that end, we have people, processes, and procedures in place dedicated to new product development. With the latest coating, laminating and metallizing technology at their disposal, our program managers are eager to co-develop your next successful program.

Giving Shape to Your Proprietary Programs

To help companies like yours take innovative solutions to the next level, we maintain:

- A dedicated Solutions Team with diverse coatings, metallizing and laminating capabilities
 - Program Managers
 - Process Engineering
 - Chemical Engineers
 - QA Technicians
 - Experienced equipment operators
- ISO-driven formal development process
- A 4,000 sq ft. R&D facility
- Pilot coater facility
- Clean room environment



The core of our culture has always been person-to-person communication. Effective and timely communication is an integral part of the way we do business.

Your product partnered with our development and manufacturing capabilities are a competitive combination. To help bring your solutions to market, we maintain three manufacturing facilities with complete coating, metallizing and laminating capabilities.

**Every Customer Is Unique
Every Proprietary Program Is Custom**



Material Science

Capabilities	Typical Coatings	Typical Coating Functions
Converting Direct Gravure In-line Corona Laminating Mayer Rod Perforating Reverse Gravure Slot Die Vacuum Metallizing	Acrylic Custom Colors Epoxy Ethylene Acrylic Acid Lacquer Nitrocellulose Patterned Pigmented Polyester Polyimide Polyurethane Polyvinyl Vinyl Alcohol Thermoplastic Thermoset UV Curable	Anti-blocking Anti-microbial Anti-static Barrier Blackout (Light Filtering) Chemical Resistant Conductive Corrosion Resistant Decorative/Custom Colors Embossable Erasable/Writable Etchable Flame Retardant Hardcoats Heat Resistant Heat-Sealable Insulative Matte/Opaque Print Receptive Release Scratch Resistance Security/Custom Logos Slip Transport UV Blocking



Typical Solvents

Compliant	Alcohols	Ketones
Water UV Cure Monomers UV Cure Oligomers	Diacetone Alcohol Ethanol Isopropanol (IPA) n-Butanol n-Propanol	Acetone Cyclohexanone Methylene Ketone (MEK) Methyl Isobutyl Ketone (MIBK) n-Methyl Pyrrolidone
Esters	Ethers	Hydrocarbons
Ethyl Acetate Glycol Ether Acetates n-Butyl Acetate	Ethylene Glycol Ether Propylene Glycol Ether	Heptane Naphtha Toluene VM & P

People and Process Expertise

Our dedicated and skilled Solutions Team, coupled with our extensive web handling capabilities, are coordinated to provide quick, custom material conversions, to assist in the creation of new products in unison with our customers, existing operations & systems.

Dunmore offers timely solutions utilizing all of our resources to meet our clients' custom processing needs. We develop partnerships with our customers by delivering roll-to-roll consistency with unparalleled service and attention to detail. Maintaining solid, long-term partnerships built on trust and maintaining complete confidentiality, are two of DUNMORE's core values.

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