IDI Fabrication, Inc.

Service and Quality in Engineered Papers and Plastics



IDI Company Overview

- Founded in 1966 by John Merrell
- Three Production plants in North America
- One Manufacturing Facility in Europe
- Mapprox. 125 employees worldwide
- Q1, ISO 9001 / 14001 registered quality system
- Websites <u>www.idifabrication.com</u>

IDI Corporate Commitment

- Best In Class performance in Quality, Pricing, Technology, Delivery, and E-business
- Continuous Improvement driving cost savings and productivity
- **Worldwide support and Customer service**
- Zero PPM defect ratings
- 100% First submission PPAP approvals
- **IDIA** Top Level Management awareness
- Active participation in Product Development and Cost Reduction Initiatives

73" Roll Capacity Dusenbery



IDI Manufacturing Locations

- IDI Fabrication Inc. Headquarters Noblesville, Indiana
- 🔟 IDI Fabrication Inc. Lemont, Illinois
- IDI Fabrication Inc. Saturno de Mexico Monterrey, Mexico
- 🔟 IDI Fabrication EMT GmbH., Leobersdorf, Austria

IDI Manufactured Product Categories

- **Reinforced Glass Polyester Sheets UL Rated GPO**
- Slit Flexible Insulation Materials 90 C 260 C
- Flame Retardant Access Covers
- Fabricated Die Cut Parts Stamped and Rotary
- Hi temp Polyimide, Aramid Paper, Vulcanized Fiber, Flame Retardant Papers & Plastics
- Custom Formed and Assembled Parts
- Custom Designed and Produced Tooling



Industrial Markets Served

- Automotive Motor Producers
- Electrical Motor Producers
- Power Tool Motor Producers
- **M** Transformer Producers
- M Home Appliance Producers
- Generator Producers
- Consumer Electronic Producers
- Contract Converting Specialists

IDI Key Insulating Materials

- Polystyrene, Polycarbonate, Polypropylene
- DuPont Teijin Mylar Polyester Film, Kapton
- Dong Fang Polyester Film, Performance Plastics
- DuPont Nomex Aramid Fibre Paper
- 随 🛛 Rag and Kraft Paper
- 随 🛛 Foam, EPDM, Rubber
- 3M Converter Products

- Norplex Micarta Industrial Laminates
- IDI Glass Polyester Sheet Laminates GPO
- DMD, RM, NMN, EME Flexible Laminates
- 随 Vulcanized Fiber
- **ITW FRP Formex**
- Epoxy DPP Paper
- 🕅 🛛 Fiberboard 94HB
- Acoustical Glass Matte

UL Glass Polyester Sheet - FRP

- High Mechanical Strength
- High Structural Strength
- Excellent Thermal Protection
- Excellent Dielectric Protection
- **Excellent FR Properties**
- IDI produces its own UL GPO
- 🕅 4400, 4400 C, 4600, 4800



DuPont Nomex Aramid Papers



- High Performance Thermal Insulation
- UL Rated Temperature Index at 220°C
- Types: 410, 411, 414, 418, E56
- Excellent Fabrication Characteristics

DONGFANG Performance Materials



- Polyester Films
- 🔟 🛛 Flexible Laminates
- Rigid Laminated Composites
- High Performance Films
- Non-wovens and Matte
- 🔟 Mica Products
- Varnishes, Resins and Adhesives

Fiber Die-Cut Gaskets



Engineering & Development

- Robust Design meeting client specification
- Testing Capabilities
- 🔟 Engineering support
- Design/Support
- Major Design Challenges
- Testing plan meeting QA specification
- Timeline Matrices
- Tooling produced on site
- Preliminary sample review

Vulcanized Fibre End Laminations









- Core Technology advantages
- Competitive advantages; formulation, global presence, best cost position, integrated material sourcing
- Alternate material analysis
- Recommendations for cost savings
- Full In-House Hard Die Production

IDI Locations

IDI Fabrication, Inc.

14444 Herriman Blvd. Noblesville, IN 46060 317/776-6577 Fax: 317/770-4093 E-mail: <u>gkorn@idifabrication.com</u>

Manufacturing of Glass Polyester Sheet, Tool Manufacturing, Die-cutting, Converting, Stamping, Slitting and Fabricated Parts

IDI Saturno De Mexico S.A. De C.V.

Ave. Industrias de Santa Catarina #169 Fracctura Industrias de Sta. Catarina Sta. Catarina, N.L. 66360 528-18-390-5279 Fax: 52-818-390-4816 E-mail: <u>irocha@idifabrication.com</u>

Slit Polyester Films, Die-cutting, Assembly, Stamping, Pressure Sensitive Lamination, Converting, and Fabricated Insulation Materials

IDI Fabrication, Inc. - Lemont

1385 101st St., Suite C Lemont, IL 60439 630/ 783-2246 Fax: 630/ 783-2256 E-mail: <u>pjarosz@idifabrication.com</u>

Slit Polyester Films, Die-cutting, Stamping, Toll Converting, Pressure Sensitive Lamination, and Fabricated Insulation Materials

IDI Fabrication EMT GmbH

Kurze Gasse 5-7 2544 Leobersdorf, Austria +43-0-664-44-24-350 E-mail: <u>tkoltay@idifabrication.com</u>

Slit Polyester Films, Die-cutting, Assembly, Stamping, Pressure Sensitive Lamination, Converting, and Fabricated Insulation Materials