Industrial Textile Die Cutting

Precision Textile Cutting

Program and die-cut Custom Fabric, Filter, and Pad Solutions for Diverse Industries

PROGRAM CUTTING



For over six decades, Fairway
Products has been a leading
provider of precision die-cut and
program-cut components,
specializing in fabrics, filters, and
pads for a wide range of
industries, including medical,
automotive, and pharmaceutical.
Our commitment to quality,
innovation, and customer
satisfaction has made us a trusted
partner to businesses worldwide.

Leveraging state-of-the-art CAD systems, our expert team optimizes material usage to deliver cost-effective and high-quality die-cut and program-cut

DIE CUTTING

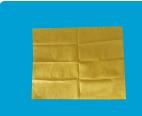


components. From intricate shapes to complex patterns, we offer tailored solutions to meet your exact specifications. Whether you require small-batch prototypes or large-scale production runs, we have the capacity and expertise to handle your project efficiently.

Our Filpaco filter papers renowned for their exceptional performance and versatility are available in a variety of grades, which can all be custom cut to suit the unique requirements of your filtration process. From fine particulate removal to liquid clarification, we have the ideal filter paper solution that can be cut to fit your exact application.

Our comprehensive services extend beyond die cutting and program cutting and filter paper production. We offer expert consultation to help you select the optimal materials and configurations for your specific needs. Our prototyping capabilities allow you to visualize and refine your product before committing to full-scale production. Additionally, our experienced technicians provide ongoing support to ensure your complete satisfaction.











Industrial Textile Die Cutting (cont'd)

The Power of Fairway

Do you need custom fabric, filter, or pad solutions? Fairway Products offers a comprehensive die cutting and program cutting service for various industries. We utilize advanced technology and expertise to deliver precise cuts, reduced waste, and efficient production. From medical dressings to automotive gaskets, our capabilities cater to a wide range of applications. Explore the benefits of Fairway's precision cutting and discover how we can streamline your manufacturing process.

Applications

MEDICAL & HYGIENE

Dressings, filters, swabs, wipes, bandages

FILTRATION

Dust collection, oil mist, fabric/textile pre-filters, HVAC filters

SEATING & SEAT COVERS

Buses, Airplanes, RVs, ATVs, Trucks

INDUSTRIAL MANUFACTURING

Gaskets, wipes, insulation

Features

PRECISION CUTTING:

- Gerber and Pathfinder cutters for accurate results
- Handles materials up to 90" wide and 1.5" thick
- Drilled holes from 1mm to 6mm
- Tension-free spreading for textiles

CUSTOM SOLUTIONS:

- No tooling required for program cutting
- Easy program modifications
- Steel rule dies for intricate designs
- Multi-ply cutting capabilities

MATERIAL VERSATILITY:

- Processes a wide range of textiles, non-wovens, films, and papers
- Cuts materials up to 2" thick (slitting)
- Handles roll widths up to 104" (slitting & rerolling)

ADVANCED CAPABILITIES:

- Nesting for material optimization
- Slitting and rerolling with tight tolerances (+/- 1.5mm)
- Duplex slitting for thin films and paper



Industrial Textile Die Cutting (cont'd)

Benefits

- Reduced Waste: Optimizes material usage through CAD systems and nesting
- Cost Savings: Eliminates tooling costs with program cutting
- Faster Production: High-speed computerguided technology
- Increased Efficiency: Multi-ply cutting and slitting capabilities
- Improved Quality: Precision cutting for consistent results
- Customizable Solutions: Tailored products to meet specific needs
- Streamlined Logistics: Co-packing, warehousing, and drop shipping services
- Simplified Process: Expert technicians assist with material selection and configuration

Materials & Equipment

Materials

- PET
- Woven PP
- HDPE
- Paper

- EPDM
- Spun PET
- Woven Screen
- Polyester
- Vinyl
- **t** Leather
- **Scrim**
- Kevlar
- **t** Foam
- Non-Wovens
- Specialty Fabrics

Key Equipment















Industrial Textile Die Cutting (cont'd)

Key Capabilities



Program Cutting

- Gerber and Pathfinder cutters
- Material widths up to 90" wide
- Textile layers up to 1.5 "
- Computer guided technology
- Drilled holes 1mm-6mm
- Tension free spreader of textiles
- Easy Cut program modifications
- No tooling required
- Process a wide range of textiles



- · Traveling head die cut press
- Multi-ply cutting capability
- 39" X 39" cutting head
- Material width up to 78"
- Steel rule dies
- Nesting capabilities



Converting

- Material widths to 70"
- Cut part size up to 70" X 50"
- Steel rule dies
- Multi-ply material cutting



- Processes material up to 2" thickness
- · Utilizes air score slitter knives
- · Heavy duty unwind capability
- Processes material on 3" cores
- Roll width to 60"



Slitting & Rerolling

- · Wovens, non-wovens, vinyls, carpet, screen, and plastic mesh
- Roll widths up to 104"
- Roll diameters up to 53"
- Core sizes 2"-6" on the unwind
- Core sizes 2"-3" on roll put ups
- Cut tolerances +/- 1.5mm



Duplex Slitting

- Unwind diameter up to 55"
- Unwind core size range 3"-7"
- Unwind roll weight up to 4000 lbs
- Rewind diameter up to 31.5"
- Rewind core sizes 2" & 3"
- Cut widths 1" min.
- Material: .001 .010 in thick film (PP. PET, PE), .007 - .017 in thick paper

Key Markets



Automotive



301 Arch Avenue

Hillsdale, MI 49242

(517) 437-8940



Industrial Textile Die Cutting (cont'd)

Contact Fairway

Need assistance in maximizing manufacturing efficiencies to ensure quality and optimize costs? Call or email us today and one of our skilled team members will lead the way. $(517) 437-8940 \sim Fairway@acmemills.com$

301 Arch Avenue Hillsdale, MI 49242 (517) 437-8940