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# Plastics & Rubber Product Manufacturing

*Marshall County, in Western Kentucky, is centrally located between Nashville and St. Louis with access to barge, interstate, and rail infrastructure.*

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## Sampling of Plastics/Chemicals and Related Companies Within Our Region



## Supply Chain

Based on our research of the supply chain within the labor shed of the surrounding region, Marshall County has advantages to target the following industries:

### Rubber and Plastics Manufacturing

- Plastics Pipe and Pipe Fitting Manufacturing
- Plastics Material and Resin Manufacturing
- Synthetic Rubber Manufacturing
- All Other Plastics Product Manufacturing
- Unlaminated Plastics Profile Shape Manufacturing
- Rubber and Plastics Hoses and Belting Manufacturing
- Plastics Bottle Manufacturing
- Unlaminated Plastics Film and Sheet (except Packaging) Manufacturing
- Rubber Product Manufacturing for Mechanical Use
- Plastics Bag and Pouch Manufacturing

## Sampling of Companies in Marshall County Which Make Products to Supply Plastics Manufacturers

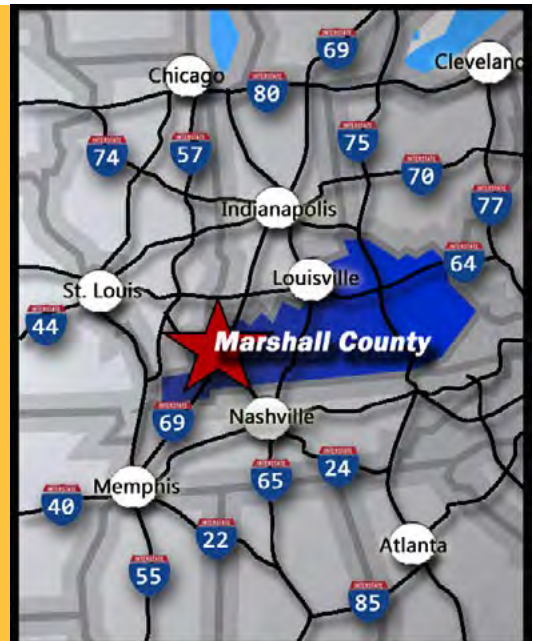
- **3A Composites** – Makes composite panels and materials at their Marshall County facility.
- **Wacker Chemical Corporation** – Produces dispersions and dispersible polymer powders for adhesives, paints, and construction sectors at their Marshall County facility.
- **Sekisui Specialty Chemicals** – Creates Polyvinyl alcohol products found in building and construction, textiles, films, ceramics, coatings, packaging, and oilfield cementing at their Marshall County facility.
- **PSP** - Makes plastic pipe, fittings, and vinyl fence at their western Kentucky facility.
- **Arkema** - Produces forane refrigerants and blowing agents, Kynar PVDF polymer resin, VF2 monomer, and hydrochloric acid at their Marshall County facility.
- **Lubrizol Corporation** – Creates carbopol polymers to thicken, preserve and suspend customers' products for pharmaceutical, personal/home care, batteries, and adhesive sectors at their Marshall County facility.
- **Westlake Chemical** – Makes polyvinyl chloride (PVC) plastics and vinyl chloride copolymers for PVC resin at their Marshall County facility.



## Why locate your Plastics Manufacturing Operation in Marshall County?

- Marshall County and its surrounding region currently have a cluster of available and growing labor in the plastics manufacturing sector.
  - ◇ **Sampling of the plastics related job growth over the last 5 years**
    - 120% growth in people employed in Plastics Pipe and Pipe Fitting Manufacturing
    - 25% growth in people employed in Plastics Plumbing Fixture Manufacturing
    - 11% growth in people employed as Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic
  - ◇ **Sampling of the concentration of the plastics workers within the region**
    - 11 times the US average of people employed in Plastics Plumbing Fixture Manufacturing
    - 6 times the US average of people employed in Plastics Pipe and Pipe Fitting Manufacturing
    - 5 times the US average of people employed in Rubber Product Manufacturing for Mechanical Use

- Home to the Calvert City Chemical & Plastics complex specializing in industrial production of plastics, specialty chemicals, ferroalloys, and vinyls.
- Marshall County is prepared for new industrial development with available buildings and sites ready for companies in the plastics industry.
- Marshall County boasts an attractive incentives package for industrial development incentives at the local, regional, and state level.



## Recent Announcements



### Lubrizol to Invest \$25 Million in Its Calvert City, KY Facility Expansion

*Site produces Carbopol polymers, Pemulen polymeric emulsifiers.*

[https://www.inkworldmagazine.com/issues/2018-11-01/view\\_breaking-news/lubrizol-to-invest-25-million-in-its-calvert-city-ky-facility-expansion/](https://www.inkworldmagazine.com/issues/2018-11-01/view_breaking-news/lubrizol-to-invest-25-million-in-its-calvert-city-ky-facility-expansion/)

# Chemical & Plastics Complex

Boasting both Rail, River, and nearby Interstate access, Marshall County is home to the Calvert City Chemical & Plastics complex where industrial production includes plastics, specialty chemicals, ferroalloys, and vinyls.



Sampling of the Plastics, Chemicals, and support industries currently located at the complex:



## Labor Availability / Skills of Labor Market

The labor shed has seen the following growth in Plastics related jobs over the last 5 years

- 120% growth in people employed in Plastics Pipe and Pipe Fitting Manufacturing
- 25% growth in people employed in Plastics Plumbing Fixture Manufacturing
- 11% growth in people employed in All Other Plastics Product Manufacturing
- 11% growth in people employed as Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic
- 8% growth in people employed in All Other Rubber Product Manufacturing
- 7% growth in people employed as Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders

The labor shed is home to highly skilled workers in the Plastics sector. Below are a few examples of how our workforce compares to the United States average.

- **16 times the US average** of people employed in All Other Rubber Product Manufacturing
- **11 times the US average** of people employed in Plastics Plumbing Fixture Manufacturing
- **6 times the US average** of people employed in Plastics Pipe and Pipe Fitting Manufacturing
- **5 times the US average** of people employed in Rubber Product Manufacturing for Mechanical Use
- **5 times the US average** of people employed in Laminated Plastics Plate, Sheet (except Packaging), and Shape Manufacturing
- **4 times the US average** of people employed as Rolling Machine Setters, Operators, and Tenders, Metal and Plastic
- **2 times the US average** of people employed as Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders
- **2 times the US average** of people employed as Industrial Machinery Mechanics
- **2 times the US average** of people employed in All Other Plastics Product Manufacturing
- **2 times the US average** of people employed as Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic
- **2 times the US average** of people employed as Forging Machine Setters, Operators, and Tenders, Metal and Plastic
- **2 times the US average** of people employed as Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic
- **Over the US average** of people employed as Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders

## The following quantities of skilled workers are currently employed in our region:

- 2104 employed as Heavy and Tractor-Trailer Truck Drivers
- 1976 employed as Laborers and Freight, Stock, and Material Movers, Hand
- 1402 employed as Stockers and Order Fillers
- 715 employed as Temporary Help Services
- 660 employed as Team Assemblers
- 630 employed in Plastics Material and Resin Manufacturing
- 561 employed as First-Line Supervisors of Production and Operating Workers
- 518 employed as Electricians
- 509 employed as Packaging and Filling Machine Operators and Tenders
- 477 employed as Packers and Packagers, Hand
- 476 employed as Industrial Machinery Mechanics
- 474 employed as Inspectors, Testers, Sorters, Samplers, and Weighers
- 424 employed in All Other Plastics Product Manufacturing
- 393 employed as Industrial Truck and Tractor Operators
- 310 employed as Welders, Cutters, Solderers, and Brazers
- 292 employed as Machinists
- 279 employed as Civil Engineers
- 251 employed as Chemical Equipment Operators and Tenders
- 247 employed in All Other Rubber Product Manufacturing
- 194 employed as Mechanical Engineers
- 190 employed as Industrial Engineers
- 145 employed as Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic
- 144 employed as Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic
- 140 employed as Production Workers, All Other
- 130 employed as Electrical Engineers
- 119 employed in Plastics Pipe and Pipe Fitting Manufacturing
- 107 employed in Rubber Product Manufacturing for Mechanical Use
- 101 employed in Plastics Plumbing Fixture Manufacturing

## Plastics Manufacturing in Kentucky

Kentucky has long had an industry strength in rubber and plastics production. In fact, over the past five years, plastics companies in Kentucky have experienced more than 60 expansions, showing not only a solid cluster, but a continually growing one!

### Here are additional industry advantages:

- Kentucky ranks 1st in the nation for cost of doing business according to CNBC.
- Plastic & Rubber Manufacturers - Kentucky has over 230 plastics and rubber manufacturers
- Plastic & Rubber Employment - The industry employs more than 28,000 people in Kentucky
- Plastic & Rubber Expansion - Since 2014, 143 new or expanded facilities have been announced with investment totaling close to \$1 billion with nearly 4,000 announced jobs



## Utility Infrastructure

### Electric Power Providers

We are served by a variety of electric power providers, giving our area some of the lowest electric power costs in the United States.

- West Kentucky Rural Electric
- Benton Electric System
- TVA
- Jackson Purchase Energy



## Workforce Training Programs

Public training and support is available to the manufacturing industry in our region and in KY. West Kentucky Community and Technical College (WKCTC) is a valuable regional workforce asset with its strong technical education programs that are vital to manufacturing organizations. WKCTC also partners with the University of Kentucky to offer mechanical and chemical engineering curriculum. Murray State University's School of Engineering also provides graduates with concentrations in Electromechanical Engineering Technology & Manufacturing Engineering Technology



Kentucky also has a variety of state programs offering support including the Kentucky Skills Network, Bluegrass State Skills Corporation, KY FAME, and Kentucky Wins In-Kind Training.

### Kentucky Skills Network

- Designed to be a business' first stop for all workforce needs, the Kentucky Skills Network brings together a wide variety of resources to design custom solutions for businesses of all sizes.

### KY FAME

- The Kentucky Federation for Advanced Manufacturing Education (KY FAME) is a company-sponsored partnership of statewide employers who share the goal of creating a pipeline of skilled workers. Employers start training students while they are in school.

### Bluegrass State Skills Corporation (BSSC)

- Provides incentives to support Kentucky business' efforts to help new and existing employees stay competitive through flexible, employer-driven skills-upgrade training.
- Grant-in-Aid (GIA): Grant reimbursement for workforce and skills training upgrade costs for new and expanding companies.
- Skills Training Investment Credit (STIC): Tax credit to offset worker training costs.

### Kentucky Wins In-Kind Training

- In-kind assistance through the local community colleges in workforce recruiting, screening and training.

## Transportation Infrastructure

Marshall County is the leader in several industries such as the automotive, manufacturing, infrastructure, shipping, and transportation industries. Railroad access is also majorly accessible in Marshall County, providing access to cities such as Madisonville and Louisville which extends the railway system to major cities such as Chicago and St. Louis.

### Interstate Access:

Thanks to Interstate 24 (east-west) and Interstate 69 (north-south) that run through Marshall County, consumers and suppliers from nearby cities such as Nashville, Memphis, Atlanta, and St. Louis are all just a few hours drive away.



### AIR ACCESS

Barkley Regional Airport is located just 20 minutes away and provides two daily nonstop flights from Paducah to Chicago O'Hare via United/SkyWest. Barkley features two runways. Lengths are 5,500 feet and 6,500 feet by 150 feet wide. Marshall County residents also frequently fly from Nashville International Airport, which is just an hour and a half away. Barkley Regional Airport (PAH) – 2 daily flights via United Airlines to O'hare



### RIVER ACCESS

We are located on the Tennessee River which provides nearby maritime access to the Ohio, Mississippi, and Cumberland Rivers. This inland waterway access provides us river access to New Orleans, Memphis, Mobile, Nashville, Louisville, Cincinnati, St. Louis, Pittsburgh, and many additional cities.

### RAIL ACCESS

We are served by the Paducah and Louisville Railway (P&L) which interchanges with the BNSF, CN, CSX, and NS Railroads.

## Featured Real Estate



### Southwest One Industrial Park

- 270 Divisible Acres
- 4 lane highway access
- 2 miles from Interstate 69
- Environmental Phase 1 Completed
- No Flood Plain
- Underground Electricity
- Fiber Network Redundancy (AT&T & Muninet)
- [Click Here to learn more](#)



See other buildings and sites at

[kledc.com](http://kledc.com)



### Incentives


Marshall County boasts an attractive incentives package for industrial development incentives at the local, regional, and state level.


**Targeted Industry Study Completed by**  
[www.thenextmovegroup.com](http://www.thenextmovegroup.com)




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