

Parker Plastic, Inc., Manufactures Plastic Mats To Use With Rolling Office Chairs. Its Standard Cost

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In today's dynamic office environments, comfort, safety, and productivity are paramount. One often-overlooked but essential accessory that contributes significantly to these factors is the office chair mat. Parker Plastic, Inc., specializes in manufacturing high-quality plastic mats designed specifically for use with rolling office chairs. These mats not only enhance mobility and protect flooring but also ensure a safer, more efficient workspace. Understanding the standard costs associated with Parker Plastic's plastic mats provides valuable insight into their affordability, quality, and value proposition for businesses and individuals alike.

Overview of Parker Plastic, Inc. and Its Product Line

Parker Plastic, Inc. is a reputable manufacturer dedicated to producing durable, functional, and aesthetically appealing plastic mats for various office applications. Their products are engineered to withstand the rigors of daily use, providing long-lasting solutions for commercial and home office setups.

Key Features of Parker Plastic's Office Chair Mats

- **Material Quality:** Made from high-grade, impact-resistant plastics that resist cracking and deformation.
- **Design Variability:** Available in multiple sizes, shapes, and thicknesses to suit different office layouts.
- **Surface Texture:** Textured surfaces that prevent slipping and enhance stability.
- **Edge Options:** Rounded or beveled edges for safety and ease of movement.
- **Eco-Friendly Materials:** Use of environmentally responsible plastics that meet industry standards.

Standard Cost Components of Parker Plastic's

Plastic Mats

Understanding the standard costs involved in manufacturing Parker Plastic's office chair mats involves analyzing various components, from raw materials to labor and overhead expenses. These costs influence the final retail price and help consumers evaluate the affordability and value of the products.

1. Raw Materials

Raw materials constitute the largest portion of the manufacturing cost. The primary material used in Parker Plastic's mats is a specialized thermoplastic, such as polycarbonate or PVC, selected for durability and flexibility.

- Cost Factors:
 - Market price fluctuations for plastics
 - Quality specifications (e.g., impact resistance, transparency)
 - Quantity purchased (bulk discounts)
- Average Raw Material Cost per Mat:
 - Typically ranges from \$5 to \$15 depending on size and thickness

2. Manufacturing Processes and Labor

The process involves extrusion, molding, cutting, and finishing. Skilled labor is essential for maintaining high-quality standards.

- Labor Cost Breakdown:
 - Machine operation and maintenance
 - Quality inspection
 - Packaging and labeling
- Average Labor Cost per Mat:
 - Approximately \$2 to \$5

3. Overhead and Operational Expenses

Overhead includes factory rent, utilities, equipment depreciation, and administrative costs.

- Average Overhead Cost Allocation per Unit:
 - Around \$1 to \$3

4. Packaging and Shipping

Appropriate packaging is necessary to prevent damage during transit, and shipping costs depend on order size and destination.

- Average Packaging Cost:
 - About \$0.50 to \$2 per unit
- Shipping Cost:
 - Varies based on delivery location; can range from \$2 to \$10 per item

Estimated Standard Cost Range for Parker Plastic Office Chair Mats

Based on the above components, the standard manufacturing cost for Parker Plastic's plastic mats generally falls within the following range:

- Small to Medium Mats: \$8 – \$20 per unit
- Larger or Specialized Mats: \$20 – \$40 per unit

These costs are indicative of manufacturing expenses before retail markup, allowing retailers to set competitive prices.

Factors Affecting Cost Variability

Several factors can influence the final cost of Parker Plastic's plastic mats:

- Material Price Fluctuations: Changes in plastic resin prices can impact raw material costs.
- Design Complexity: Custom shapes or additional features increase manufacturing expenses.
- Order Volume: Larger orders often benefit from economies of scale, reducing per-unit costs.
- Supply Chain Efficiency: Optimized procurement and logistics can lower overall expenses.
- Market Demand: Higher demand can lead to adjustments in pricing strategies.

Benefits of Parker Plastic's Affordable Pricing

Despite the competitive standard costs, Parker Plastic, Inc. ensures that their products maintain high standards of quality and durability. The affordability of their plastic mats makes them accessible to a wide range of

customers, from small businesses to large corporations.

Advantages include:

- Cost-effective solutions for flooring protection
- Reduced risk of slips and falls
- Enhanced workspace organization
- Long-term durability reduces replacement costs

Conclusion: The Value Proposition of Parker Plastic's Plastic Mats

Parker Plastic, Inc. offers a reliable and cost-effective solution for office environments through their well-engineered plastic mats designed for rolling office chairs. With a standard manufacturing cost typically ranging from \$8 to \$40 depending on size and features, their products strike an excellent balance between affordability and quality. Businesses and individuals seeking to improve workspace safety, protect flooring, and enhance mobility can confidently invest in Parker Plastic's office chair mats, knowing they are getting durable products at competitive prices.

Understanding the standard costs involved helps customers appreciate the value Parker Plastic provides and facilitates informed purchasing decisions. As workplace ergonomics and safety continue to gain importance, Parker Plastic's commitment to quality and cost-efficiency positions them as a leading manufacturer in the office accessories market.

Frequently Asked Questions

What is the standard cost for manufacturing plastic mats at Parker Plastic, Inc.?

The standard cost includes the estimated expenses for materials, labor, and overhead required to produce each plastic mat, established to help manage costs and pricing strategies.

How does Parker Plastic, Inc. determine its standard costs for plastic mats?

The company calculates standard costs based on historical data, current supplier prices, expected labor hours, and overhead allocation to ensure accurate cost estimation.

Why is standard costing important for Parker Plastic, Inc.?

Standard costing helps the company control costs, set pricing, analyze variances, and improve operational efficiency in manufacturing plastic mats.

What are the main components included in Parker Plastic, Inc.'s standard cost for plastic mats?

The main components are direct materials (plastic resin), direct labor, and manufacturing overhead costs such as utilities and factory supplies.

How does Parker Plastic, Inc. use variance analysis in relation to its standard costs?

The company compares actual costs to standard costs to identify variances, analyze reasons for differences, and implement corrective actions to control expenses.

Can Parker Plastic, Inc. update its standard costs, and if so, how often?

Yes, the company periodically reviews and updates its standard costs, typically on a quarterly or annual basis, to reflect changes in prices, wages, and production processes.

How does the use of standard costs impact pricing decisions for Parker Plastic, Inc.'s plastic mats?

Standard costs provide a baseline for setting competitive prices that ensure profitability while covering costs and accounting for desired profit margins.

What role does standard costing play in the budgeting process at Parker Plastic, Inc.?

Standard costs serve as a foundation for preparing budgets, forecasting expenses, and evaluating financial performance against planned targets.

Are there any limitations to using standard costs for manufacturing plastic mats at Parker Plastic, Inc.?

Yes, standard costs may become inaccurate if market conditions change rapidly, leading to potential discrepancies between estimated and actual costs, requiring regular updates and adjustments.

Additional Resources

Parker Plastic, Inc.: A Comprehensive Review of Their Plastic Mats for Rolling Office Chairs and Standard Cost Analysis

In the modern workspace, comfort, safety, and durability are essential components for maintaining productivity and employee well-being. Among the many accessories that contribute to an ergonomic office environment, plastic mats designed for rolling office chairs stand out as a practical and cost-effective solution. Parker Plastic, Inc., a recognized manufacturer in this niche, has garnered attention for its high-quality plastic mats tailored specifically for office use. This article delves into the features, manufacturing standards, and standard costs associated with Parker Plastic, Inc.'s products, providing a comprehensive overview for businesses and consumers alike.

Introduction to Parker Plastic, Inc. and Their Product Line

Founded with a commitment to quality and innovation, Parker Plastic, Inc. specializes in designing and manufacturing durable plastic mats intended for use in various office environments. Their primary focus is on products that enhance mobility, protect flooring, and contribute to a safer, more efficient workspace. Their plastic mats are especially crafted for rolling office chairs, addressing common issues like floor damage, difficulty moving chairs smoothly, and safety hazards caused by slipping or uneven surfaces.

Key Features of Parker Plastic's Office Chair Mats:

- **Durability:** Built to withstand daily wear and tear, including heavy chair use and foot traffic.
- **Transparency:** Clear or semi-transparent options for aesthetic integration with existing flooring.
- **Flexibility:** Designed to conform to various floor types, including carpet, hardwood, and tile.
- **Ease of Maintenance:** Smooth surfaces that are easy to clean and resistant to stains.
- **Safety:** Anti-slip features or textured surfaces to prevent accidents.

Manufacturing Standards and Product Quality

Ensuring product quality is paramount for Parker Plastic, Inc., especially

considering the importance of safety and longevity in office environments. Their manufacturing process adheres to strict quality standards, often aligned with industry certifications, such as ISO 9001, which emphasizes quality management systems.

Material Selection and Composition

Parker Plastic primarily utilizes high-density polyethylene (HDPE) and polycarbonate for their mats, chosen for their strength, flexibility, and resistance to impact and chemicals. These materials are environmentally friendly and recyclable, aligning with sustainable manufacturing practices.

Manufacturing Process

1. Design and Prototyping: Using advanced CAD software to develop precise specifications.
2. Material Preparation: Sourcing high-quality plastics, ensuring consistency.
3. Injection Molding or Thermoforming: Techniques used to produce mats with precise dimensions and features like beveled edges or anti-slip textures.
4. Quality Inspection: Multiple checkpoints to verify thickness, surface finish, and functional features.
5. Packaging and Distribution: Ensuring products are securely packed to prevent damage during transit.

Compliance and Certifications

- Safety Standards: Meets OSHA and ANSI safety requirements.
- Environmental Standards: Complies with RoHS and REACH regulations.
- Durability Testing: Products undergo rigorous testing for impact resistance, abrasion, and UV stability.

Product Variants and Customization Options

Parker Plastic offers a range of office chair mats tailored to different flooring types and user preferences:

- Standard Clear Mats: Suitable for both carpet and hard floors, providing visibility of the underlying surface.
- Carpet-Specific Mats: Thicker and textured to prevent slipping on plush or high-pile carpets.
- Hard Floor Mats: Thinner, with anti-slip backing, designed for smooth surfaces like hardwood or tile.
- Custom Sizes: Available upon request for specific office layouts or ergonomic needs.
- Edge Styles: Beveled edges for easy chair movement and safety.

Understanding the Standard Cost of Parker Plastic's Mats

Cost analysis is crucial for organizations planning to purchase office chair mats, as it impacts budgeting and procurement decisions. The "standard cost" refers to the typical retail or wholesale price range for Parker Plastic, Inc.'s products, considering factors such as size, material, and customization.

Factors Influencing Cost

1. **Size and Thickness:** Larger and thicker mats generally cost more due to increased material use.
2. **Floor Compatibility:** Specialty mats designed for specific flooring types may carry a premium.
3. **Design Features:** Anti-slip textures, beveled edges, and custom graphics influence pricing.
4. **Quantity Purchased:** Bulk orders often benefit from discounts.
5. **Shipping and Handling:** Costs vary based on location and delivery method.

Typical Price Range

Based on industry data and market analysis, Parker Plastic's office chair mats typically fall within the following price ranges:

- Standard Small Mats (e.g., 36" x 48", 1/16" thick): \$40 – \$70 each
- Medium Mats (e.g., 48" x 60", 1/8" thick): \$70 – \$120 each
- Large or Custom Mats: \$120 – \$250 or more, depending on specifications

Cost Comparison with Competitors

Parker Plastic's pricing is competitive within the market, often offering superior durability and clarity compared to cheaper, lower-quality alternatives. Their focus on manufacturing standards ensures that customers receive a product that not only fits their budget but also provides long-term value.

Cost-Benefit Analysis: Why Investing in Parker Plastic's Mats Makes Sense

While the initial investment might seem significant, the long-term benefits

justify the expense:

- Floor Protection: Prevents costly damage to carpets, hardwood, or tile.
- Enhanced Mobility: Smooth rolling reduces strain and increases efficiency.
- Safety Improvements: Reduces tripping hazards and slips.
- Longevity: High-quality materials mean fewer replacements over time.
- Aesthetic Benefits: Clear mats maintain the visual integrity of flooring.

Conclusion: Making an Informed Purchase Decision

Parker Plastic, Inc. has established itself as a reliable manufacturer of plastic mats for office chairs, combining rigorous manufacturing standards with a broad product offering. Their mats serve as a vital component in creating safe, efficient, and aesthetically pleasing work environments. Understanding the standard costs associated with their products enables organizations to budget appropriately and appreciate the value derived from investing in quality.

In terms of durability, safety, and overall performance, Parker Plastic's mats offer a compelling choice for businesses seeking a long-term solution for their flooring and ergonomic needs. Whether outfitting a small home office or a large corporate workspace, their products stand out as a testament to quality manufacturing and thoughtful design.

Final thoughts: When selecting a plastic mat for rolling office chairs, considering both the product's manufacturing standards and its cost implications is essential. Parker Plastic, Inc. exemplifies a manufacturer that balances these factors effectively, providing both peace of mind and functional excellence in their offerings.

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