

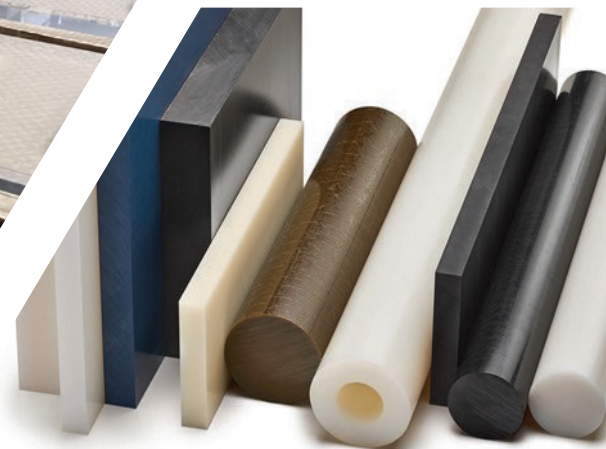
# MODERN *plastics*

*"Setting the Standards in Plastics Distribution"*<sup>TM</sup>

ISO 9001:2015 and ISO 13485:2003 Certified

## Worldwide Elite Source for Plastics

Sheet ► Rod ► Tube ► Film



**High Performance Engineering Grade Plastics**  
**Medical Plastics Grade Plastics**  
**Expert Custom Plastics Fabrication**

## ► Company Profile

Modern Plastics was founded in 1945 by Joseph C. Carbone with a simple Philosophy: **“Whatever It Takes.”**

Today, the company still embraces this core commitment to deliver flawless customer service. It is well positioned to meet the challenging requirements of all its customers, from well-known international corporations to government agencies and business owners.

Modern Plastics has led the way by setting new industry standards over more than 70 years in plastics distribution with technology such as material bar coding, complete material traceability, sophisticated storage of plastics and long-term record retention on all shipments. Our inventory and product lines continue to expand to meet customer expectations. We have introduced cost-cutting programs for our customers and continued capital investments along with rigid quality control guidelines. Our state-of-the-art facility in Shelton, Connecticut is available for audit inspection.

Bing J. Carbone, President



## We've grown a lot since 1945!

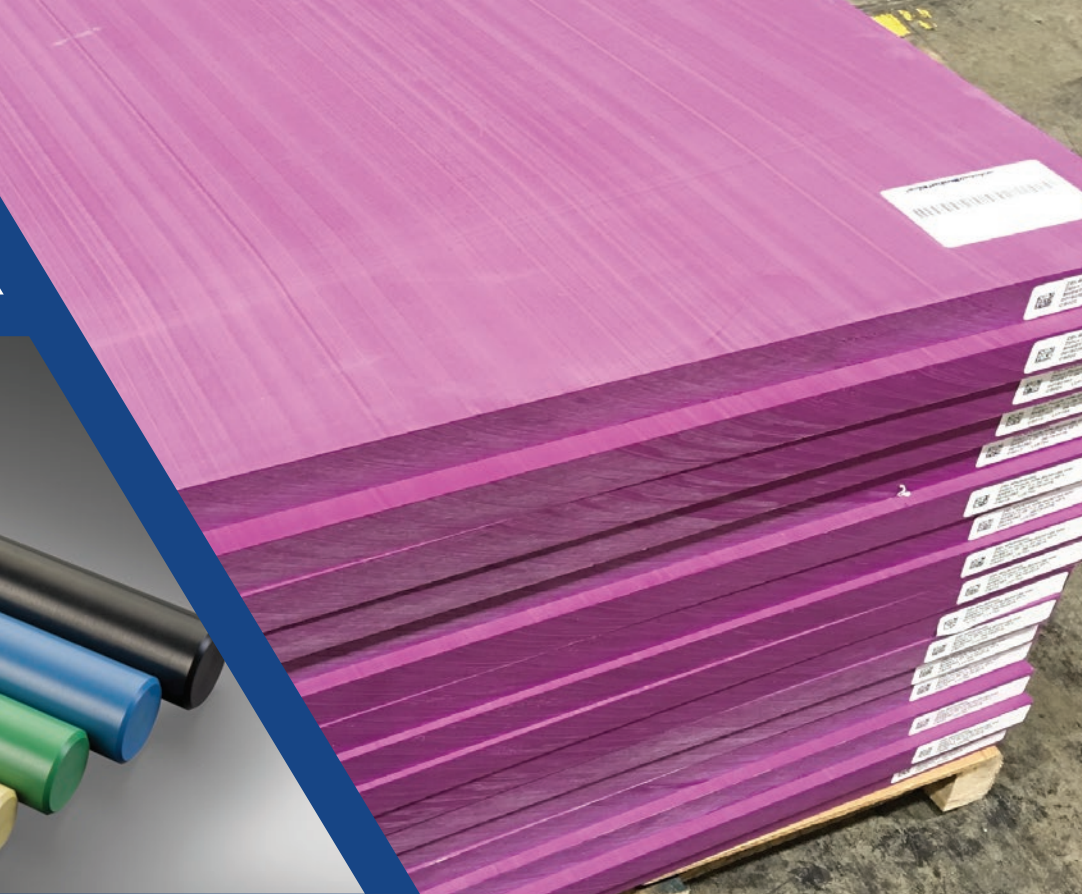
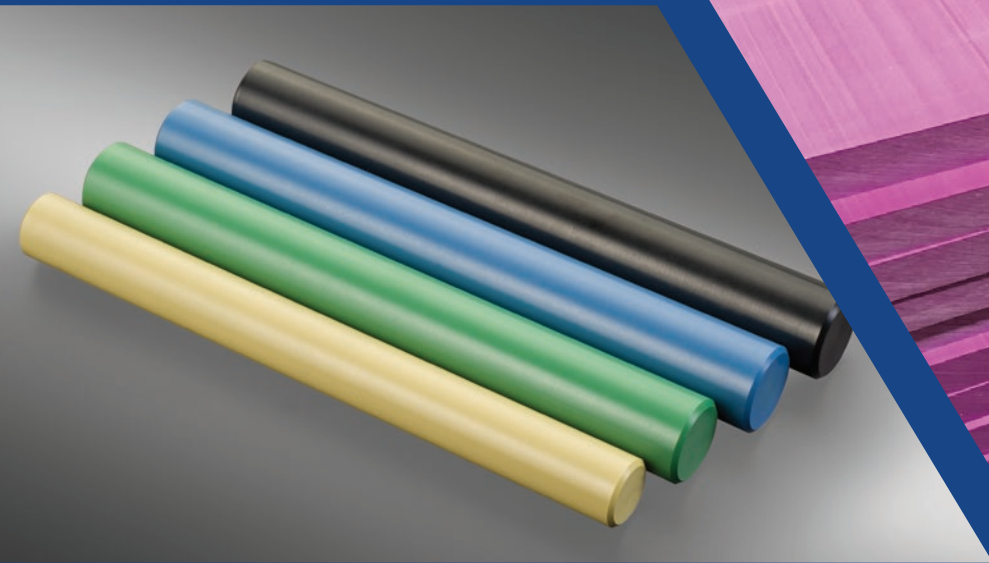
*In March 2006, Laird Plastics Inc. purchased the assets of Modern Plastics Inc. Since that time, Modern has operated as a separate operating division of Laird, providing customers with the advantages associated with a national plastics distributor, while maintaining Modern's, local family-owned philosophy and touch.*

### **Modern Plastics**

Corporate Headquarters  
88 Long Hill Cross Road  
Shelton, Connecticut 06484 USA

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Phone: 203.333.3128  
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[www.modernplastics.com](http://www.modernplastics.com)  
[sales@modernplastics.com](mailto:sales@modernplastics.com)





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► **High Performance  
Engineering Grade  
Stock Shapes**

# What Sets Us Apart

## ► Quality Assurance

If there is any one area where Modern Plastics excels and **leads the industry**, it is in **Quality Assurance**.

We are one of only a few plastics distributors worldwide to bar code our entire inventory, ensuring complete material traceability to material manufacturer and resin batch.

*Our full-time Certified Quality Control Director and Quality Team provide customer contact -- guaranteed to within 24 hours. We respond immediately to any issue evaluation, quality question, or discrepancy.*

### We offer:

- ISO 9001:2015 and ISO 13485:2003 Certified
- All inspection equipment is calibrated in compliance with ISO Quality assurance requirements, traceable to NIST
- Complete material certification accompanies each shipment

## ► People

Like all successful companies, our **most important resource** is **our people**.

At Modern Plastics we have some of the finest employees in the industry.

### We have:

- Employee technical training that is consistent and documented
- Average years of industry experience exceeding 15 years!
- A customer service staff committed to our **"Whatever It Takes"** philosophy

**We excel & lead the industry in Quality Assurance.**





## ► Services

Modern Plastics is the **premier source** for plastics worldwide.

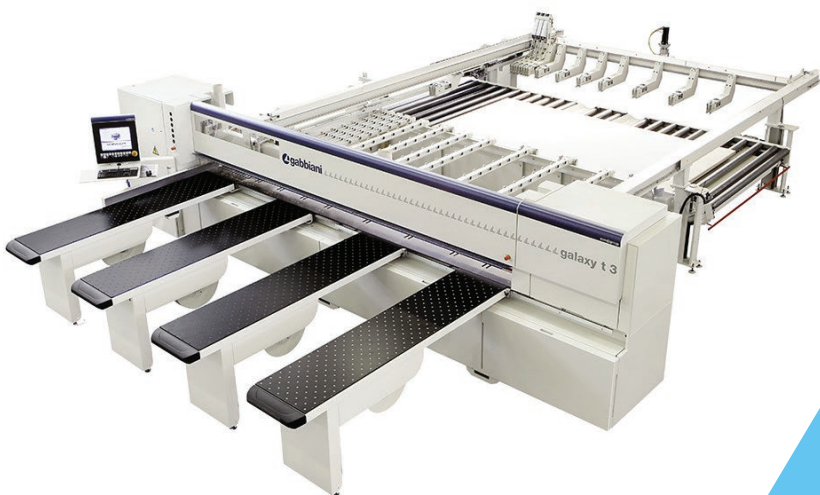
We provide fast, safe product delivery anywhere, anytime.

*Our goal is to exceed your expectations with same day shipment of in-stock items, and expedited delivery of cut-to-size and fabricated components.*

### We offer:

- Tight tolerance precision cutting to customer specifications as close as  $\pm .005''$ .
- Proprietary cutting techniques to reduce internal stress and prevent material bowing or warping
- Reduced material costs using intricate software yield optimization and nesting programming
- Repeat jobs cut to exact initial dimensions and tolerances, using prior CAD data and customer generated order requirements

Each shipment is dispatched with complete, accurate and detailed material certification, individual material bar coding and material traceability to manufacture, resin, lot and batch. Records are serviceable for 20-years minimum.



## ► Inventory

Modern Plastics' **extensive inventory** assures our customers that we have what they need, when they want it.

We have one of the most complete inventories in the industry.

### We offer:

- Computerized management and product bar coding for traceability of all inventoried materials
- Cycle and full annual inventory counts
- Compression molded and extruded stock shapes
- Same-day shipping on all stock items

## ► Online Resources

The Modern Plastics website has been designed as a **powerful, advanced tool.**

Visit [www.modernplastics.com](http://www.modernplastics.com) for plastics learning, product information, company information. Visit our website for technical data and information plus PDF datasheet downloads.

**[modernplastics.com](http://modernplastics.com)**

## ► Leadership

We strive to be **BEST IN CLASS** in every category of serving our customers, without whom, we don't exist.

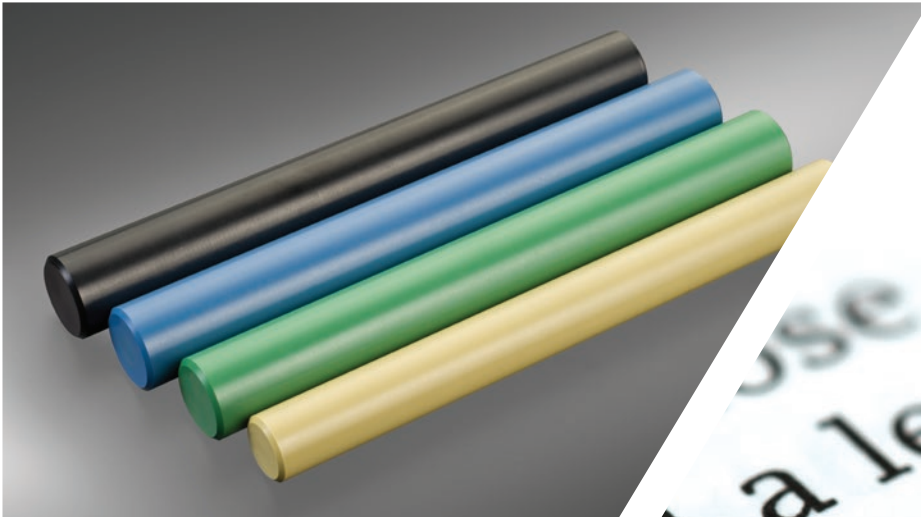
Modern Plastics is the most dynamic and innovative Plastics Distribution and Custom Fabrication company on a global basis. Over 70-years in plastics experience with a supporting staff of people that are industry technical experts, serving elite customers and industries with quality that is unparalleled in the entire plastics industry, has been the cornerstone of our success.

Please feel free to call us at:  
**800.243.9696** for all your plastic requirements or  
**schedule a visit** to tour/audit our facility in Shelton, Connecticut.

Please feel free to drop me a line at:  
**bcarbone@modernplastics.com.**

***We'd love to hear from you!***

**-Bing J. Carbone**  
*President*



## ► Defense & Aerospace Division

We have to be a sure thing, so we offer an **extensive range of engineering grade plastic products.** Most products can be run in custom colors and with various filler enhancements.

### We are known for:

- Unparalleled Quality Standards
- Bar Coding on All Plastic Products
- Complete Certification on All Shipments
- Complete Material Traceability/Lot & Batch
- Major Defense Industry Customer Approved Supplier
- Test Reports/Material Inspection Sampling Reporting
- Custom Precision Machining of All Plastics Materials
- Precision Close-Tolerance Cutting of All Plastics
- Large Inventory of Engineering Grade Plastic Materials





## ► Supply Chain Management

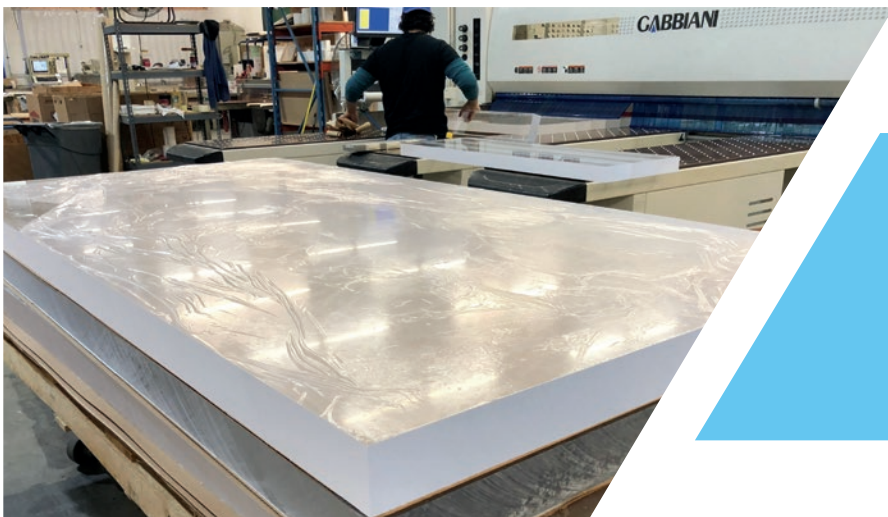
Through our strategic alliances with the best manufacturers worldwide, we offer our customers **value-added services** to **ensure quality** and service.

As an ISO 9001:2015 and ISO 13485:2003 certified company, all aspects of the supply chain management are subject to the same rigorous quality assurance standards that apply elsewhere in our company.

We are able to provide for any transaction and speed required, from a multi-tiered stocking program with scheduled releases to multiple locations to an overnight shipment for just-in-time delivery.

### We will:

- Customize services based on individual requirements
- Coordinate with customers needs through JIT and Kaizen system designs
- Consult and make recommendations for material cost reduction, material specifications, and overall productivity improvements
- Eliminate late shipments, rejections and other quality deficits
- Reduce freight costs, streamline shipments, customize packaging and labeling with material bar coding for traceability identification
- Offer single source plastics purchasing through multiple product lines and strategic alliances
- Provide state-of-the-art communication systems for information sharing between manufacturing, fabricating, shipping, quality assurance, and customer receiving



**Customized Services  
based on individual  
client requirements.**



## ► Medical Plastics

Modern Plastics is the **nation's leading technical source and supplier of advanced medical plastics grade materials** used in surgical device manufacturing, short term implantables and permanent implantable (VESTAKEEP® permanent implantable PEEK) plastics.

*Our bar-coded, lot-controlled inventory of such products as TECAFORM™ and CELCON® colored acetal, ULTEM®, RADEL®, PEEK®, implantable grade VESTAKEEP®, PROPYLUX®, PMMA, HOSTAFORM®, UHMW-PE and many others, might well be the largest and most diverse on-shelf inventory of medical grade plastics anywhere!*

### We offer:

- Unparalleled Quality Standards
- Bar Coding of All Plastic Products
- Complete Certifications on All Shipments
- Complete Material Traceability/Lot & Batch
- Materials Certified to USP Class VI, ISO 10993 and FDA Compatibility
- Major Medical Industry Customers and Approved Supplier Status
- Test Reports/Material Inspection Sampling Reporting
- Large Inventory of Medical Grade Plastic Materials
- Various "Laser Markable" Plastic Materials
- Precision Close-Tolerance Cutting
- Hi-tech Storage Facility for All Medical Grade Plastics with Temperature, Humidity, Positive Air-Flow Controlled Environment
- Ultrasonically Tested Medical Plastics
- Medical Plastics Resistant to Cleaning Agents, Disinfectants, Solvents and Common Sterilization Processes
- Custom Extrusion, Injection Molding and Compression Molding
- Molded Medical Stock Shapes Available
- Advanced Technical Information Worldwide Shipping
- ISO 13485 Certified Medical Plastics Storage Room and Warehouse.



## ► Plastics Fabrication

Modern Plastics has over **45 years' experience** in plastics fabrication. Our ISO facility follows strict quality standards for speedy quoting, fast finished product turnaround, and assurances of a superior quality product.

*Our state-of-the-art equipment is certified and routinely calibrated. As a plastics distributor, we provide our customers with a competitive advantage, often with significant cost savings.*

Please e-mail your prints for Plastic Parts & Fabrication to:  
[bcarbone@modernplastics.com](mailto:bcarbone@modernplastics.com)

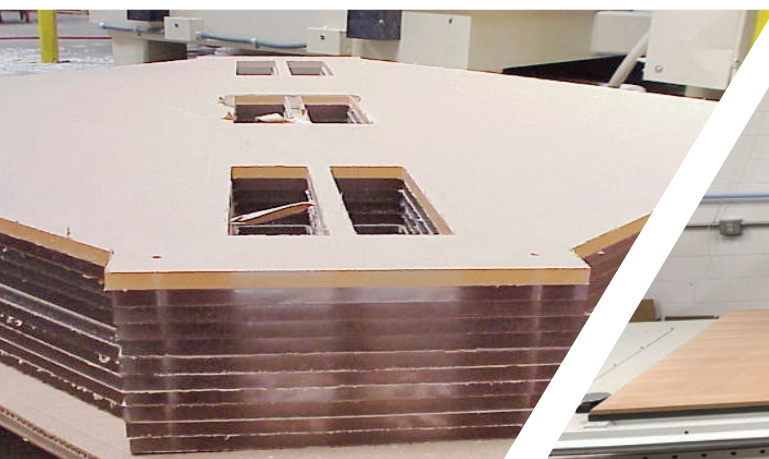
### We offer:

- Exceptional Quality Standards
- Prototype to Full Production Runs
- Bar Coding of All Plastic Products
- Complete Certifications on All Shipments
- Complete Material Traceability/Lot & Batch
- Precision Close-Tolerance Cutting of All Plastics

### Services:

- Cut-to-size, close tolerance
- CNC Routed
- Near-Net shapes
- Specialized Bonding Techniques
- Heat Bending
- Cold-form bending
- High gloss polishing/Edge finishing
- Sandblasting
- Drilling/Milling
- Lathe Work
- Specialize packaging/custom
- Rapid Response Team for fast turn-around of pro-type and sample fabricated parts

**We offer a competitive advantage, often with a significant cost savings.**



# We serve a large and diverse customer base in a variety of market industries.

## ► Customer Listing

Alcatel-Lucent	Hewlett-Packard
Allied Signal	Intel
Applied Materials	JDS Uniphase
Boeing	Johnson & Johnson
Cordis	Kennedy Space Center
Corning	Lockheed-Martin
Covidien	Medtronic
Dell	Motorola
Delta Airlines	NASA
DePuy Orthopaedics	Northrop Grumman
Disneyworld	Pfizer
Electric Boat	Pitney-Bowes
Ford Motors	Raytheon
GE Medical	Sikorsky
GE Power Systems	Smith & Nephew
General Dynamics	United Technologies

## ► Industries Served

Aerospace	Surgical Device
Chemical	Transportation
Construction	Waste Water
Defense	Wholesale
Design	Wood & Pulp
Electronics	
Energy	
Food Processing	
Government*	
Lighting	
Manufacturing	
Marine	
Medical	
OEM	
Pharmaceutical	
Semiconductor	

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