



ISO 9001:2015 - ISO 13485:2016 - AS9100 - AS9120 CERTIFIED

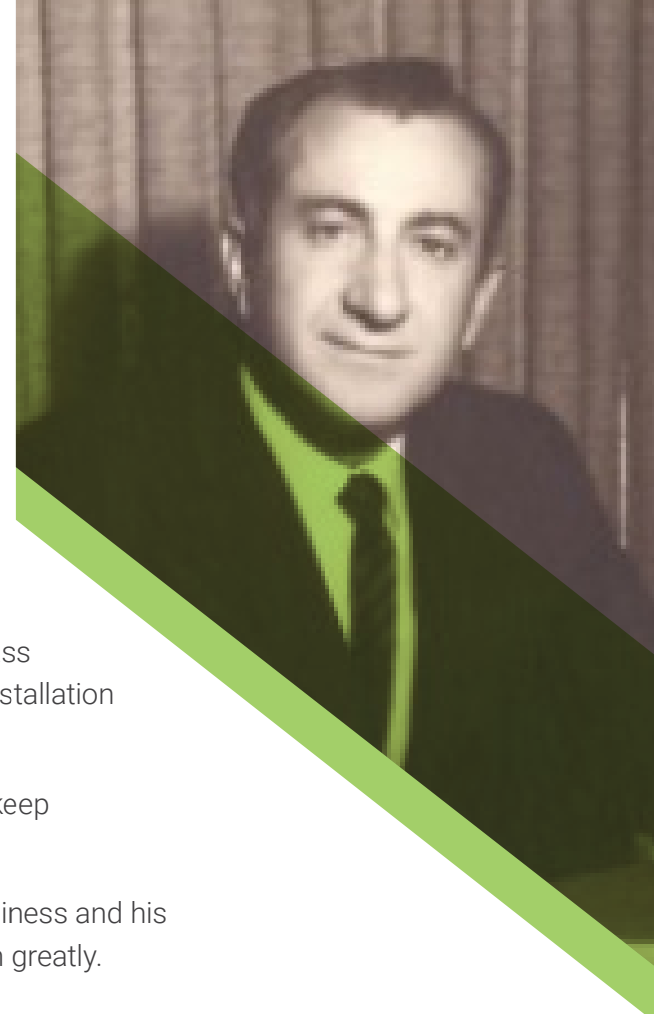


- HIGH PERFORMANCE ENGINEERING GRADE PLASTICS
- MEDICAL PLASTICS GRADE PLASTICS
- EXPERT CUSTOM PLASTICS FABRICATION

## WORLDWIDE ELITE SOURCE FOR PLASTICS

SHEET • ROD • TUBE • FILM

**MODERN PLASTICS**  
[www.modernplastics.com](http://www.modernplastics.com)



## Who are we?

Modern Plastics started in Bridgeport, Connecticut, in June 1945 (even before “plastic” was a common word), when my grandfather Joseph C. Carbone opened the then, “Modern Glass Company” – a one-man operation specializing in same-day installation of automobile window glass.

A pot-bellied stove generated all the heat that was needed to keep production going through the long, cold New England winters.

He worked hard, instilled core values and integrity into the business and his employees. He was a bit of a genius in fact, and I admired him greatly.

*We are Modern Plastics Celebrating 78 Years in Business!  
We’ve been doing this for a very long time (and we’re very, very good at it!)*

By the mid-1950s, “**Modern Plastics and Glass Inc.**” took advantage of an exciting new breed of materials known as thermosets and began carrying phenolics, its first group of plastics materials.

We continued that trail-blazing spirit in 1961, becoming the first of “the first” distributors of then, “Rohm & Haas” new Plexiglas® acrylic sheet, an inspiring, but relatively unknown, material.

*It was a decision that would change the company forever!*

Thirty years after we opened our doors, plastics consumed 90 percent of our business. Under the direction of the second-generation President during the seventies and eighties, expansion began first with a new facility in Rhode Island and later with several other locations in Massachusetts.

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.



**JOSEPH C. CARBONE**  
*Founder*



## Company Profile

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.

*"I manage my business,  
my customers run my business!"*

**BING J. CARBONE**  
*President*

# 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 excel and lead the industry in Quality Assurance!***

## WE OFFER

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

# 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 philosophy

**"Whatever It Takes"**



# Services

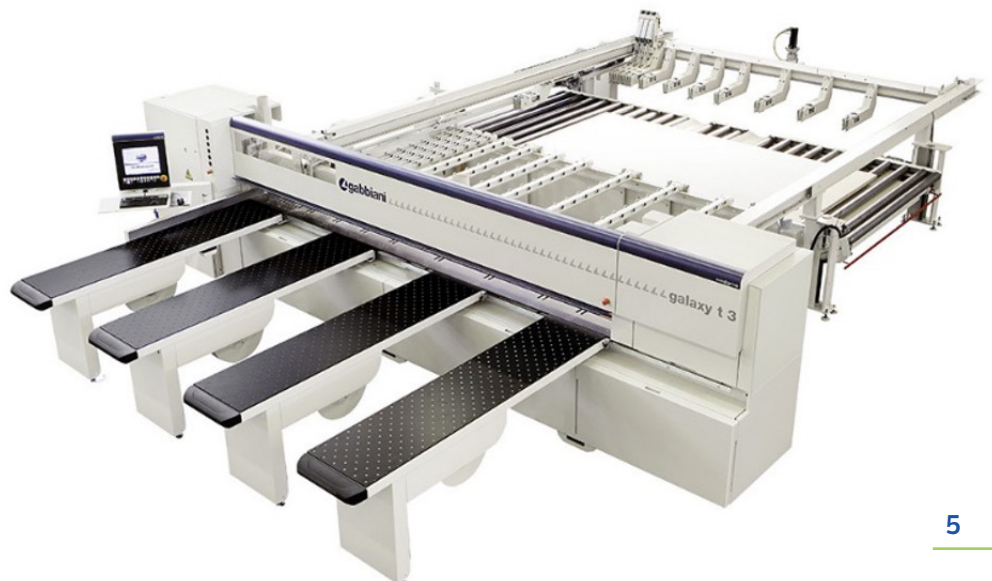
Modern Plastics is the **premier source** for plastics worldwide. We provide **fast, safe product delivery anywhere, anytime!**

*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 +/-0.005".
- 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

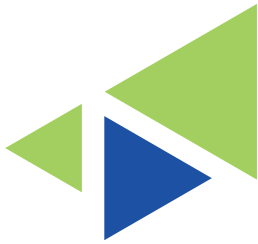
*The Modern Plastics website has been designed as a powerful, advanced tool.*

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.

## 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.



## 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.

### Questions?

Please contact **Vince Griffin**, our Global Sales Manager for the Medical Plastics Division for more information on any of the products listed or to get assistance on your next project:

**office:** 800.243.9696, Ext. 205

**cell:** 203.260.7738

**email:** [vgriffin@modernplastics.com](mailto:vgriffin@modernplastics.com)



# Defense & Aerospace Division

Download  
the Defense  
& Aerospace  
Brochure  
here!

Modern Plastics offers an **extensive range of engineering grade plastic** products such as:

- ACRYLIC-POLY II, POLY 76, POLY 84, POLY 84S (Cell Cast Acrylic)
- DELRIN DE-588, (Acetal Copolymer)
- DELRIN AF
- CELAZOLE® (PBI)
- KYDEX® 100, T and 6565 (Aircraft grade/PVC/Acrylic alloys)
- LEXAN® (Aircraft Grade Polycarbonate)
- LEXAN® MR10 (Mar-resistant Polycarbonate)
- SINTIMIDT PUR HT
- TECAPEI ULTEM® (Polyetherimide)
- TECANAT PC (Polycarbonate)
- TECAPEEK (Natural PEEK®)
- TECAPEEK GF30 (30% Glass Fiber Reinforced)
- TECAPEEK PVX (Carbon fiber, Graphite, PTFE filled)
- Tecapai (PAI)
- TECATRON PPS (Polyphenylene Sulfide)
- TECATRON PPS GF (15%, 30% or 40% Glass Fiber Reinforced)
- TECAMIDT 66 (Nylon)
- TYGON® (fuel and chemical)

# 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.

*Modern Plastics offers unmatched custom fabrication services of plastics when you need them at a price you can afford.*

By using the latest technology and the highest quality standards in our Modern Plastics fabrication facility, we can ensure on-time delivery, whether your order is a single prototype or requires high-volume production.



## SERVICES

- Precision, Close-Tolerance Cutting of all Materials
- Computer Aided Design Assistance CAD/CAM
- 2- CNC 5' x 10' KOMO and Anderson
- Router
- Milling
- Drilling
- Lathe work
- Solvent and Adhesive bonding
- Heat Bending
- Drape forming
- Silk-screening
- Custom Molding/Casting of various plastic materials
- Decal application
- Decorating
- Polishing / Buffing
- Quality inspections on all parts
- Active JIT programs
- Rapid Response Team for fast turn-around of pro-type and sample fabricated parts
- Kanban Programs
- Excellent Lead Delivery Times!

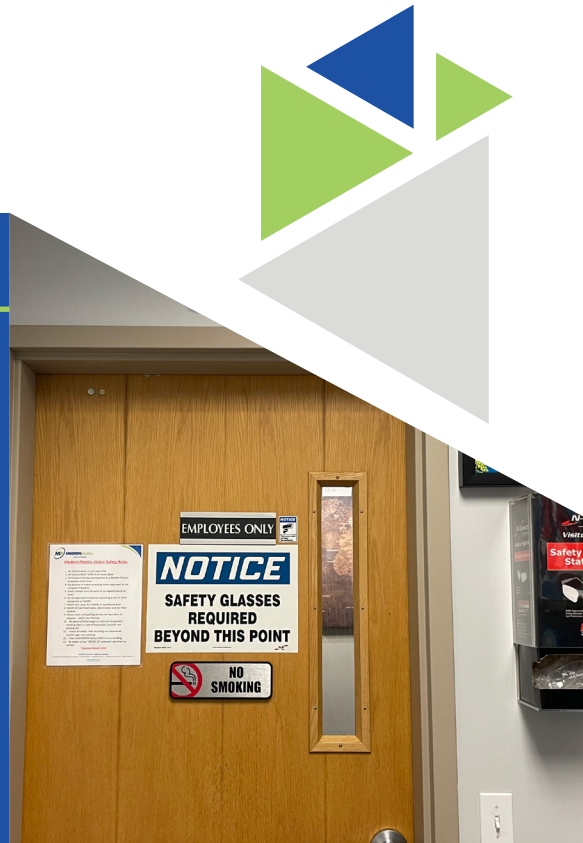
*We serve a large and diverse customer base in a variety of market industries.*

## Contact Us

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](mailto:bcarbone@modernplastics.com)

*We'd love to hear from you!*

*-Bing J. Carbone, President*



## Industries we serve

### Customer Listing

Alcatel-Lucent	DePuy
Allied Signal	Orthopaedics
Applied Materials	Disneyworld
Boeing	Electric Boat
Cordis	Ford Motors
Corning	GE Medical
Covidien	GE Power Systems
Dell	General Dynamics
Delta Airlines	

### Industries Served

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





## **MODERN PLASTICS**

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

[sales@modernplastics.com](mailto:sales@modernplastics.com)

**☎ National Toll-Free:** 800.243.9696

**Phone:** 203.333.3128

**Fax:** 203.333.4625

**📍 CORPORATE HEADQUARTERS**

88 Long Hill Cross Road

Shelton, Connecticut 06484 USA