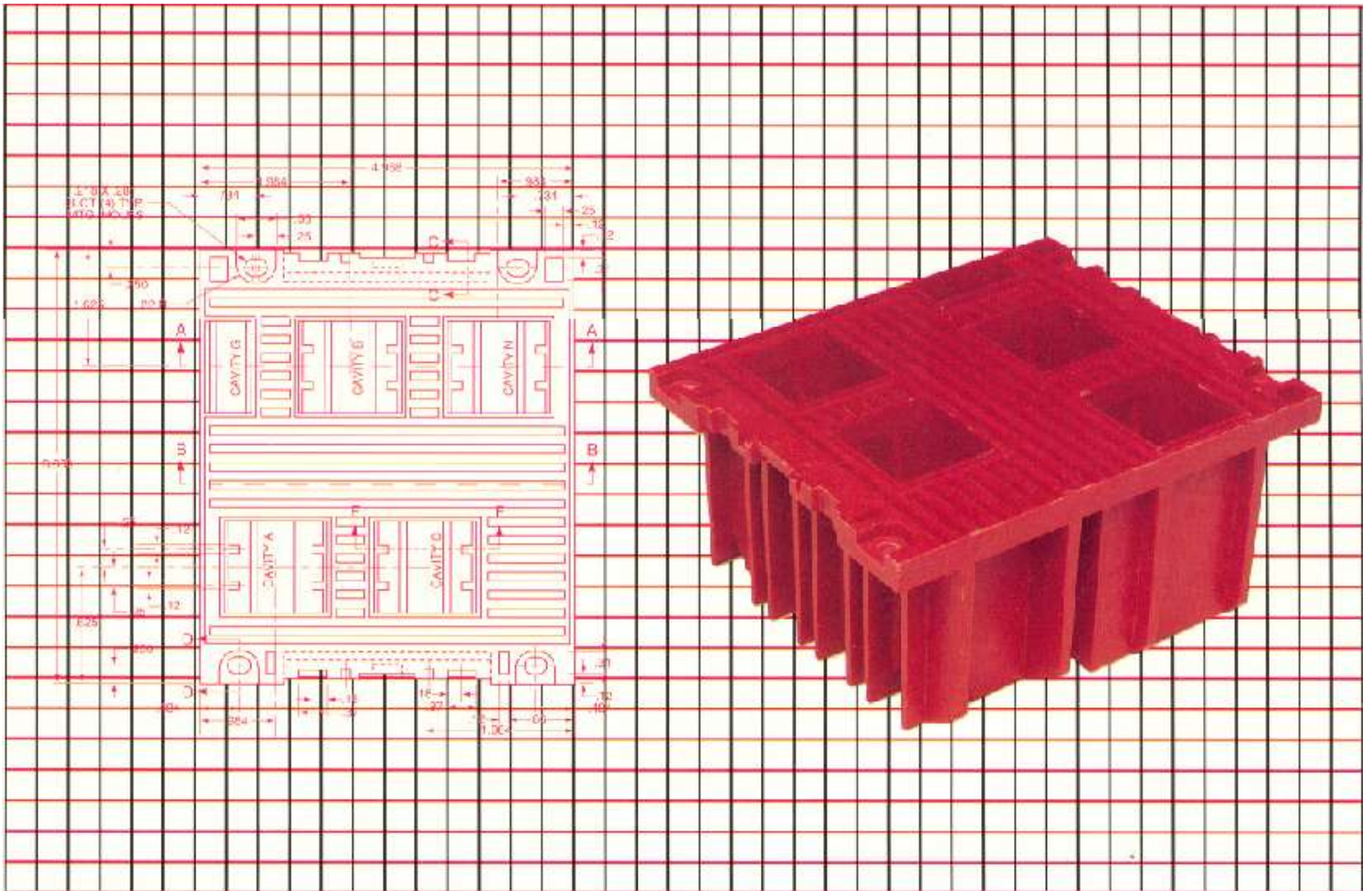
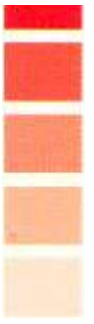




Quality and Dependability From Design to Shipment



Penn Compression Molding, Inc. - Committed to Quality and Dependability



At PENN, quality means exceeding customer expectations. We pride ourselves in providing high-quality precision parts for industry leaders, including ABB, Black & Decker, Eaton, GE, Northern Telecom, Siemens and more.

To achieve superior quality, we use a full range of quality-control equipment including gages, precision measuring tools, megohmmeters, toolmaker microscopes and computer-controlled Coordinate Measuring Machine (CMM), all maintained by a calibration system that conforms to MIL-STD-45662.



Incoming materials inspection and quality control laboratory.



Documented final inspections are routinely performed by PENN's dedicated quality control staff.

PENN can meet the needs of customers requiring material certifications and traceability by maintaining a material traceability program that is recognized by UL.

PENN products are carefully examined by our Quality Assurance staff, using Statistical Process Control (SPC) to monitor daily production and reduce the need for incoming inspection – saving you time and reducing your production cost.



Precise, consistent and fast first-piece inspection with the Brown & Sharpe Microval Coordinate Measuring Machine (CMM) allows PENN to move quickly from verification to production.



ABOVE: Using a Hipotronics high-voltage megohmmeter, a product's insulation resistance is measured in accordance with method 302 pf MIL-STD-202.

BELOW: The Nikon Measurescope affords us versatility and accuracy when measurement data is required on very small parts.



Penn Compression Molding, Inc. - Excellence Through Experience



The engineers at PENN will work with you in molding production-ready components to help make your next design project a successful one. Our expertise in the manufacture of high-quality molded products that exceed the demands of our most particular customers is due to the selection of the finest plastic resins, modern equipment staffed by skilled operators, and expert supervision.

PENN utilizes virtually every thermoset compound available in the production of its plastic parts – from Alkyds, DAPs, Epoxies, and Melamines to Phenolics, Polyesters, Silicone and Urea. Whatever compound is specified for your particular need, PENN has experience molding it.

Our capabilities include the full range of thermoset molding including injection, compression, and transfer. Our equipment ranges from 12 tons to 600 tons. Operations also include insert molding, drilling, tapping, riveting, assembly, testing and spray-painting.



The 75-ton Stokes press has programmable control drive, heat controls, CRT, and data collection.



A 200-ton compression molding press run by a meticulous operator and backed by rigorous maintenance program.



Insert molding is one of our specialties. The delicate touch of an experienced operator is critical in this 25-ton transfer molding press.

Penn Compression Molding, Inc. - Dedicated to Service and Delivery



After molding, a secondary contact is assembled and supplied in KANBAN releases approximately every 10 days.



Various molded parts, in sub-assemblies provided by PENN.

"Value-added" or additional manufacturing and assembly capabilities are critical to the complete source requirement important to many projects. PENN's production schedules are set and maintained to provide our customers with necessary Just-in-Time (J.I.T.) delivery to help meet their material requirements. Over the years, PENN customers have been able to obtain finished products and completed assemblies, delivered on time as part of the total performance by a full-service supplier.

PENN is dependable from design to shipment.



ABOVE: Various forms of molding compounds used at PENN and a few molded parts.

BELOW: Some of the smallest parts PENN molds (note the 1-inch micrometer in the back).



Penn Compression Molding, Inc. - Custom Molders of Thermoset Plastics since 1970



For over twenty five years, PENN Compression Moulding, Inc. has been a leading supplier of custom molded thermoset parts to heavy users of insulators, and stand-offs in the electrical industry. Our commitment to PENN customers has been to produce high-quality, cost effective products they can depend on. Obviously, we have succeeded in maintaining our high standards; our ever-expanding customer base includes many Fortune 100 Companies who consistently rely on PENN to fill their precise needs for insulators, control boxes, housings, handles, switchgear components and a myriad of similar products for electrical and electronic applications.

PENN is also a major supplier to the transit industry. Many transit authorities rely on PENN for contact rail insulators, coverboard

brackets and molded cable cleats. Below is an award from the Society of Plastics Industry for excellence in design and application for a rail insulator.

At PENN, customer satisfaction is our highest priority, whether your need for molded parts is 50 pieces or 500,000 or more, PENN excels in quality, economy and delivery. Every order, regardless of how large or small, simple or complicated, receives the same careful attention throughout the manufacturing process. Our wide range of experience with all the thermoset molding materials has enabled PENN to produce the best parts for the application.



PENN's contact rail insulators meet the specifications and demands of the New York City Transit Authority.



PENN has two manufacturing locations, one in North Carolina and one in Pennsylvania, each of which is over 35,000 square feet. Both are centrally located with easy access from major highways.

For your next thermoset molding project, call PENN.

Manufacturing facilities:

Near Raleigh, North Carolina:

309 Components Drive
Smithfield, NC 27577
(919) 934-5144 Phone
(919) 934-1991 Fax
PennNC@penncompression.com – email

Near Pittsburgh, Pennsylvania:

540 Pacific Street
Irwin, PA 15642
(724) 863-6400 Phone
(724) 863-8400 Fax
PennPA@penncompression.com