INDEX OF INDUSTRIAL
PLASTICS MATERIALS

ENGINEERING PLASTICS
Plastic materials for bearings, bushings, wear strips and guides, gears and sprockets, cams and followers, valve seats and seals, fasteners and other machined parts.
- ABS
- Acetal/Delrin®
- Acrylic
- High Pressure Laminates - Phenolics
- Nylon Materials
- PET/PBT
- Polycarbonate – Lexan®
- Polystyrene/HIPS
- Polyurethane
- UHMW Polyethylene – Tivar®

HIGH PERFORMANCE ENGINEERING PLASTICS
High performance thermoplastic for engineered applications requiring high dielectric strength, radiation resistance, chemical resistance and extreme operating temperatures.
- Cross Linked Polystyrene – Rexolite®
- Hydar®
- Mykroy/Mycalex®
- Noryl® EN265 - PPS
- PBT
- Poly(amide-imide) - Torlon®
- Polyetherimide - Ultem® Tempalux®
- Polyetheretherketone - Victrex®, Peek
- Polymethylpentene - TPX®
- Polysulfone - Thermalux®, Ensifone®, Udel®
- Polyphenylsulfone - Radel® R
- Rulon®
- Polyphenylene sulfide - Ryton®, Techtron®
- Turcite®
- Vespe® Polyimide

FLUOROPOLYMER MATERIALS
Plastic materials for gaskets and packing, electrical insulators, self-lubricating mechanical parts, corrosion resistant chemical equipment, food-processing components, valve and pump parts.
- CTFE - Kel-F®, Neoflon®
- ECTFE - Halar®
- ETFE - Tefzel®
- Fluorosint®
- PTFE/Glass Fabrics
- PVDF - Kynar®, Sygef®
- Rulon®
- Teflon® TFE, PFA, FEP
- Turcite®

Shapes and forms: Sheet and plate, rod stock (round, hex, square), rectangular bar, tubular bar, bushing stock, tubing, strip and tape, profiles, balls, discs and gear blanks. Note: Not all materials are available in all shapes and forms.

CORROSION RESISTANT PLASTICS
Plastic materials for chemical resistant tanks and liners, fume ducts and hoods, plating barrels, electrical housings and conduit, laboratory consoles and sinks, pump components and housings.
- PVC
- CPVC/CORZAN®
- Polyethylene
- Polypropylene
- Marine Grade UVR HDPE – Starboard/Seaboard
- PVDF - Kynar®, Sygef®
- Sanalite® cutting board material
- Endurostrut - Fiberglass structural shapes
- Plastic Welding Equipment

GLAZING AND CONSTRUCTION MATERIALS
Plastic sheet stock for windows, signs, displays, machine guards, picture frames, fabricated parts and assemblies, security partitions and lighting.
- Acrylic
- Polycarbonate - Hyzod®, Lexan®, Cyrolon®
- PVC Expanded (Foamed) Sheet
- ABS
- Fiberglass - Corrugated & Flat
- Lighting Panels
- PETG - Vivak®

MISCELLANEOUS INDUSTRIAL PLASTIC
Acrylic Rod, Tube and Profiles
- Plastic Fabrication Equipment
- Plastic Welding Equipment
- Adhesives, Cleaners and Polishes
- Plastic Fasteners
- Vinyl Strip Door Material
- Acetate and Vinyl Sheet and Film
- Polyethylene Construction Film

CUSTOM FABRICATION
Complete plastic fabrication and machining capabilities for all plastic materials. Computerized cutting for close tolerance or large production runs.
### INDEX OF PROCESS SYSTEMS PRODUCTS

#### PLASTIC AND FRP PIPE AND FITTINGS
Industrial plastic and FRP pressure pipe for chemical processing, electroplating, and laboratories, metal treating, pulp and paper, water treatment, heating and air conditioning.
- PVC, CPVC, Polypropylene and PVDF
- Glass pipe and fittings
- Asahi/America Double Containment Piping Systems
- Asahi/America Industrial Single Wall Piping Systems
- Compressed air piping systems
- High Purity – Harvel LXT, PVDF and PP
- Clear PVC

**Accessories:** Pipe hangers, tank adapters, tools, cutters, tape, cement and primer, flange and valve shields.

#### PLASTIC VALVES
Plastic valves for use in industrial piping applications manual, electrical or pneumatic actuation, ball, diverter, metering, check, foot, needle, globe, gate, diaphragm, float, butterfly, pressure relief, solenoid, gooseneck dispensers and labcock valves.
- Sizes: 1/8” – 24” (varies by type and manufacturer)
- Asahi/America
- +GF+ Plastic Systems
- Hayward
- Nibco (Chemtrol®)
- Plast-O-Matic
- RK Industries
- Spears
- Banjo Bolted PP ball valves

#### FLUID CONTROL PRODUCTS
- Asahi Vortex flow meters
- Blue White® flow meters
- Flowline® liquid level control systems
- FloStie™ flow meters and instrumentation
- +GF+ valve positioners and controllers
- SIGNET® electronic flowmeters, sensors, controls
- Rotometers

#### PLASTIC LINED PIPE PRODUCTS
- Fusibond Plastic Lined Pipe Systems
- Pipe, fittings and accessories
- Liner Materials: Teflon®(TFE, PFA), TEFLON®, Polypropylene, Kynar® (PVDF), Halar®(ECTFE)

#### FIBERGLASS STRUCTURAL SHAPES AND GRATING
- Enduro - fiberglass strut system and structural shapes.
- Fibergrate®/Chemgrate® grating and composite structures

#### HEAT EXCHANGERS
- +GF+ Calorplast immersion and plate and frame heat exchangers

#### CORROSION RESISTANT EQUIPMENT FABRICATION
Tank and tank systems, pipe manifolds, pump stations, housing/enclosures, spray headers, dip tray and scrubbers.

### Industrial Plastics and Process Systems

**E-mail:** sales@aetnaplastics.com
**www.aetnaplastics.com**