



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®

Hydlar®

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®

VespeI® 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.



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

Fiberglass 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

FloSite™ 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), TEFZEL®,

Polypropylene, Kynar® (PVDF), Halar®(ECTFE)

TFE CHEMICAL PROCESS EQUIPMENT

Tanks and liners, dip pipes and spargers, expansion joints, bellows and accessories. TFE lined flexible metal hose

PLASTIC AND FRP TANKS

Tanks for storage and process applications. To over 40,000 gallons, standard or custom fabricated.

Molded Plastics – polyethylene/polypropylene, PVDF, XLPE. Poly Processing Tanks and Accessories

Fiberglass (FRP) – filament wound, spray/hand lay up

Double Containment: Tank-in-tank, overflow basins

Flexible liners for tanks, drums and secondary containment

Custom fabricated – welded thermoplastic tanks

Tank Accessories: bulkhead fittings (tank adapters), overflow and level control systems, sight gauges, stands and mixers

FLEXIBLE TUBING AND COMPONENTS

Vinyl - clear and braided reinforced

Low and high-density polyethylene and polypropylene, polyurethane, nylon

Quick disconnects - PPR, SST & PVDF

Fluoropolymer Tubing - PVDF, FEP, PFA & PTFE

Tube Fittings - Insert: PE, PPR, PVC, CPVC and nylon.

Compression Fittings

Hose Clamps

PUMPS AND ACCESSORIES

All-Flo double diaphragm air-operated plastic and metal pumps.

Penguin pumps, filters and mixers.

Webster centrifugal, magnetic and immersible pumps.

DUCT SYSTEMS, HOODS AND BLOWERS

Thermoplastic and FRP fume duct systems.

TFE FLUID HANDLING SYSTEMS

High purity fluid handling products. PTFE pipe and fittings. PFA and PTFE tubing, fittings, valves and pumps

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. Custom designed systems and solutions.

Industrial Plastics and Process Systems

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

AETNA PLASTICS CORP.

9075 Bank Street - Valley View, OH 44125
Telephone: (216) 781-4421 - Fax (216) 524-2280
Toll-Free: 800-634-3074

FABRICATION DIVISION

4466 Orchard Street - Mantua, OH 44255
Telephone: (330) 274-2855 - Fax: (330) 274-8984