



Materials Used in Heavy Equipment

Professional Plastics is a nationwide leading supplier of Plastic Sheets, Rods, Tubing and Films with a massive inventory of high performance plastic materials. We offer a broad range of materials used in a variety of heavy equipment for wear-resistant and impact-resistant components. Industrial materials such as Tivar® UHMW, PVC, Nylon, Phenolics and others are used to make parts such as chutes, liners, bumpers, rails, rollers, scrapers, bearings, sheaves, shaft liners, and insulators. Polycarbonate is commonly used for impact resistant windows and shields, while Tygon® tubing is used for fluid handling and vacuum lines, pneumatics and hydraulic systems.



Equipment Types	Typical Parts
Construction Equipment	Outrigger Pads, Bushings, Gears, Nozzles, Wear Plates, Guides, Bushings, Bearings, Spacers, Fasteners, Shaker Bars, Chutes, Guide Shoes, Sprockets Clamps, Feeders, Windshields, Sheaves, Gears, Console/Instrumentation Covers, Seals, Rollers, Sliding Pads, Spindle Nuts, Pile Drive Caps, Doors, Bins, Bed Liners, Fluid Lines
Harvesting Equipment	
Boom Cranes & Lifts, Overhead Cranes & Hoists	
Oil & Gas Field Machinery	

Materials Offered:						
Acetal	ABS	Kydex®	Nylon®	Nylatron®	Nyloil®	Makrolon®
Tivar®	Delrin®	Delrin® AF	PETG	Phenolics	Lub-X®	Extren®
UHMW	Acrylic	Polycarbonate	G-10/FR4	GPO-3	MC-901	Grating
Nylon	Tygon®	Matrox®	Ertalyte®	Teflon®	PTFE	Profiles
HDPE	Fabreeka	Polypropylene	Sanatec®	Spiral Tubing	and much more	

In-House Capabilities	Advantages of Utilizing Plastics
CNC Milling & Lathe	Reducing cost from metals & prolong tool life
Precision Cutting & CNC Routing	Longer part life, easy to fabricate & mold shapes
Vacuum-Forming, Thermoforming & Drape Forming	Reduce noise & weight, less wear on mating parts
Injection Molding, Laser Cutting & Stamping	Thermal & Electrical Insulation
Custom Extrusion & Centerless Grinding	Corrosion Resistance
Bonding, Welding, Gluing & Polishing	Quality Standards
Injection Molding & Tooling Design	ISO 9001:2008 & ISO 14001:2004
	ITAR Compliant - GSA Approved Vendor

Professional Plastics maintains locations throughout the USA and Southeast Asia.



Call **(888) 995-7767** to reach the location nearest you
or email: sales@proplas.com

<p>California Fullerton (Headquarters) San Jose Sacramento San Diego (Marketing Office)</p>	<p>Texas Carrollton (Dallas) Houston</p>	<p>New York Orchard Park (Buffalo)</p>
<p>Arizona Phoenix</p>	<p>Utah Ogden</p>	<p>Ohio Twinsburg (Cleveland)</p>
<p>Colorado Denver</p>	<p>Montana Kalispell</p>	<p>Georgia Atlanta</p>
<p>Oregon Tualatin (Portland)</p>	<p>Washington Tukwila (Seattle)</p>	
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We offer more than 500 Materials available online at:

www.professionalplastics.com

