



## Fabricated Engineering Plastic Parts for Industrial Equipment

For more than 40 years, Timco, Inc. has been designing and machining components that offer improved wear resistance and longer part life. Our broad range of material options from UHMW-PE and nylon, to vulcanized fibre and PEEK means our focus is on choosing the right material for your application. Timco technical service engineers provide individual solutions for our customers. Engineered plastic parts are machined to our customer's specifications using only the best virgin, tempered and inspected plastic materials. There is no minimum order size, and we will gladly make prototypes as needed.

Timco's ISO 9001:2000 certification assures our customers that we are committed to quality. It also permits us to service and supply the world's foremost manufacturing firms. Decades of hard work, proven skill and a continued commitment to excellence have earned Timco a reputation for high quality products and industry-leading customer service.

Timco has achieved leading market penetration in its major product lines including engineered plastic parts for production equipment, heavy lifting equipment, and rolling mills. In fact, Timco is the largest supplier of non-metallic sheaves in North America. We are proud to offer our customers sheaves of all sizes and designs from 1" to 61" diameter.

### Timco engineers will:

- Check application conditions on your machine
- Review your design drawing
- Recommend component material and the process used to manufacture your part

- **40 Years of Fabrication Experience**
- **ISO 9001:2000**
- **Offering Design, Fabrication and Assembly Services**
- **Rapid Prototyping**
- **Broad Range of Plastic Materials**
- **Engineering Solutions – our engineers help you design your part**



*When you see a crane, paving apparatus, a conveyor or food processing equipment, Timco parts are likely in it!*

## Materials Timco Fabricates Into Components:

- Nylon (Polyamide-PA)
- Acetal (Polyacetal-POM)
- Polyethylene terephthalate (PET)
- Polyethylene (HD-PE)
- Polyethylene (UHMW-PE)
- Polypropylene (PP)
- Polyvinylchloride (PVC)
- Teflon® (PTFE)
- Polyvinylidene fluoride (PVDF)
- Compression molded fibre - Cotton laminated (HGW)
- Polyetheretherketone (PEEK)
- Corrugated vulcanized fiber (CVF)
- Ceramic
- Ceramic-coated aluminum

In addition to the standard grades listed above, Timco offer *proprietary grades* of many of these materials. Our proprietary grades offer improved performance and longer part life through additives such as oil, solid lubricants, and carbon. A few of our proprietary materials include Calamid®, Lubramid®, Oilamid® and Timcolite®. Timco products can be specially formulated to provide specific application requirements and meet strength, reliability and safety needs.

Your sales engineer can help determine the best material for your application.



## A Few of the Machined Parts Timco Supplies – by Industry:

- For Crane Manufacturers
  - Sheaves
  - Wear Pads and Bushings
- For Crane Users
  - Cribbing Plates
  - Outrigger Float Pads
- For Material Handling Equipment
  - Rollers and Guides
  - Wear Plates and Pads
  - Bearings, Bushings, Cams, and Spacers
  - Sheaves and Pulleys
- For Concrete & Paving Equipment
  - Sheaves and Pulleys
  - Cribbing Plates and Outrigger Float Pads
  - Rollers, Scraper Blades, and Wheels
  - Wear Plates and Pads
  - Bearings and Bushings
  - Push Plates and Polishing Disks
- For Food Processing Equipment
  - Wear Plates and Pads
  - Feed Screws and Cams
  - Chain and Conveyor Guides
- For Steel Mills
  - Filler Plates, Table Rolls, and Chock Liners
  - Thrust Collars and Coupling Inserts
  - Spindle Slippers
  - Fiber Bearings
  - Caster Bearings
- For Wire Manufacturing Equipment
  - Sheaves and Guides
  - Canvas Rods
  - Drawing Cones, Drawing Rings, and Capstans
- For Transformer Equipment
  - Insulation made of Corrugated Vulcanized Fibre

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