

Plastics for Machinery and Equipment

BENEFITS OF PLASTIC:

- Ease of fabrication
- Noise reduction
- Excellent bearing and wear characteristics
- Lighter weight than metal
- FDA, USDA, and 3A Dairy compliant grades
- Chemical and corrosion resistance
- Detectable grades

Engineering materials to fulfill your needs

Curbell Plastics has materials to meet the most demanding application requirements of machinery and equipment manufacturers. We know that machinery is often exposed to extreme environments. Your materials must be reliable, long-lasting, and easy to fabricate.

Plastics are used for a wide range of machinery applications including housings, guards, safety shields, structural parts, electrical insulators, and bearing and wear components.

Material selection, expert advice

"Curbell helped me solve a chemical resistance issue I had with a plastic part. They identified an alternative plastic material that worked well for the application. Now we use this material on all machines."

– Curbell Customer Feedback

TYPICAL APPLICATIONS:

- Bearings
- Bushings
- Chain guides
- Flexible tubing
- Gears
- Guide rails
- Machine guards
- Pulleys
- Star wheels
- Wear strips

COMMON MATERIALS:

- ABS
- Acetal
- Acrylic
- Detectable materials (optical, metal, x-ray)
- HDPE
- KYDEX® Thermoplastic Sheet
- Nylon
- PEEK
- PET
- Polycarbonate
- Polypropylene
- PTFE
- PTFE tapes and fabrics
- PVC
- Tubing and hose
- UHMW
- UHMW tapes



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PLASTICS

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