

Plastics for Packaging and Conveying



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 packaging and conveying equipment. Plastic materials such as nylon, acetal, and UHMW reduce noise, weight, and friction to keep machines running without the need for external lubrication.

Plastics are used for a wide range of packaging and conveying applications including bearings and bushings, gears, chain guides, guide rails, machine guards, and carryaway, corner, and transfer plates.

Material selection, expert advice

"Curbell helped us to solve an issue we were having with our polycarbonate machine guards that were cracking. Their people are responsive and engaged. They are our go-to resource for plastics."

– Curbell Customer Feedback

TYPICAL APPLICATIONS:

- Bearings and bushings
- Carryaway plates
- Chain guides
- Corner plates
- Diverter cones
- Gears
- Guide rails
- Machine guards
- Star wheels
- Transfer plates
- UHMW flights
- UHMW liners
- UHMW profiles (U, C and J clips)

COMMON MATERIALS:

- Acetal
- Acrylic
- HDPE
- Nylon
- PEEK
- PET
- Polycarbonate
- PTFE
- UHMW
- Tapes, Fabrics, & Belts



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