



AGRICULTURE

PLASTIC AND RUBBER APPLICATIONS

Do you want longer-lasting parts on your machinery that require less horsepower to run and are so quiet they don't bother your livestock? Look no further than plastics and rubber for your agricultural needs.

ADVANTAGES

-  Lightweight (easier to handle, store and less expensive to ship)
-  Easier to machine and install
-  Corrosion resistant (eliminates rust and special corrosion coatings)
-  Excellent insulating properties
-  Excellent strength-to-weight ratios
-  Outstanding toughness and impact resistant
-  Improves product flow, less sticking and "carry-back" less product damage
-  Excellent light transmission
-  Various tints available
-  Shatter resistant
-  Reduce or eliminate "stick-slip"
-  Reduced wear on mating parts
-  Reduced coefficient of friction (especially self-lubricating grades)
-  Longer wear life
-  Fire and UL listed grades available
-  UV inhibited grades (reduces premature disposal of parts)
-  Antistatic grades (prevent fires and explosions due to static discharge)
-  Sound-deadening properties reduce need for ear protection
-  Reduction/elimination of external lubrication possible
-  Many materials are recyclable
-  Excellent cost-performance ratio

DID YOU KNOW?

More and more agricultural products, including thousands of acres of thin mulch film, which are used to produce high quality vegetables, are being recycled into "plastic wood" and numerous other secondary products, keeping those materials out of landfills, creating demand for recycling plants and making farms more sustainable.





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TYPICAL APPLICATIONS

- ▶ Kickplates (interior horse trailer walls, ladder bases)
- ▶ Chutes (liners, troughs, pivots)
- ▶ Panels (shields, shrouds, side panels, roof components)
- ▶ Pipe (slurry material distribution, watering systems)
- ▶ Feeders (livestock and poultry feed bins, drinking systems)
- ▶ Irrigation (pipe, valves, nozzles, bearings, seals)
- ▶ Planting/harvesting (seed boxes, bearings/bushings, slide pads)
- ▶ Covers (cultivator shanks, tanks, hoppers, storage bins, skid plates)
- ▶ Augers (flight facings, linings, drag plates)
- ▶ Seals (bucket elevators, bearings, spray systems, oil/fuel systems)
- ▶ Bushings, bearings, cams, gears, tensioners, rollers
- ▶ Skid plates, plow shares, feeder tubes, wear strips, scrapers
- ▶ Partitions/skylights (barn, greenhouse, poultry, bins, dairy farms, sheds, kennels, workshops, roofing systems)

MATERIALS:

- ▶ Acetal (POM)
- ▶ High-Density Polyethylene (HDPE)
- ▶ Nylon (PA)
- ▶ Polycarbonate (PC)
- ▶ Polyvinyl Chloride (PVC)
- ▶ Polyurethane
- ▶ Polyvinylidene Fluoride (CPVC)
- ▶ Polytetrafluoroethylene (PTFE)
- ▶ Ultra-High Molecular Weight Polyethylene (UHMW)
- ▶ Rubber Matting
- ▶ Sheet Rubber
- ▶ Die Cut Gaskets

Manufacturing & Fabrication Services

Redwood Plastics and Rubber is dedicated to the specialized requirements necessary to turn stock plastics, rubber and composites into precision mechanical components of the utmost quality.

We can design, machine, mill, weld, route, and drill to produce prototypes, short runs, production runs or maintenance parts.

Save time and money by utilizing our experienced fabricators and plastic and rubber specialists.

