

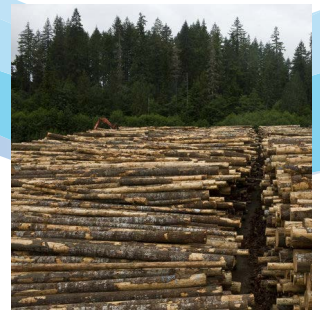


# Lumber

*Lumber and paper processing operations that use plastics instead of metal parts have longer wearing, less noisy, more reliable equipment that performs better. Clearly, plastics are a cut above the rest!*

## Applications

- Lumber industry — saw tables, liners, hose wrap/saddles, bushing, bearings, rollers, sprockets, chain guides, safety windows, flange caps, wear rails, saw guides
- Saw mills and planer mills — tipple gates, chain channel inserts, wear plates/strips, bearings/blocks, sound dampeners, chipper spouts, drop grate arms, conveyor flights, hooks, slider blocks, diverter arms, chain caps, chip screens,
- Pulp and paper industry — bearings, bushings, conveyor parts, sprockets, liners, seals and rings, deflector blades, forming boards, pulp bale press slides and protectors, paper wedges



- UV and weather resistant
- Reduced noise and vibration
- Self-lubricating
- Wide temperature resistant range
- Easy to install and replace
- Faster flow over screens
- Fewer hang ups

## Did you know?

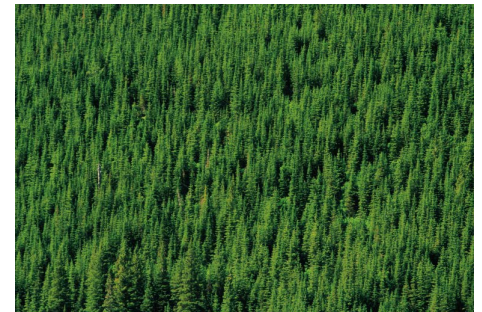
In the last 20 years, the combined usage of the top 10 consumers of paper has increased from 92 million tons to 208 million tons, a growth of 126 percent. The proliferation of computers doesn't mean we're going paperless.

## Advantages May Include

- Cost efficient
- Lightweight
- Low coefficient of friction
- Lighter than steel; outlasts rubber
- Requires less power to operate
- Handles pressure and friction well
- Impact and abrasion resistant
- Minimizes product damage
- Shock absorbing
- Extends equipment life
- Corrosion resistance to corrosion, rotting, rusting
- Protects hoses, wires and cables from rubbing, crushing and kinking

## Materials

- Acetal (POM)
- Chlorinated Polyvinyl Chloride (CPVC)
- Fluorinated Ethylene Propylene (FEP)
- High-Density Polyethylene (HDPE)
- Low-Density Polyethylene (LDPE)
- Nylon/Cast Nylon (PA)
- Polycarbonate (PC)
- Polyurethane (PU/PUR)
- Polyethyleneterphthalate (PET)
- Polytetrafluoroethylene (PTFE)
- Thermoset Polyesters and Phenolics
- Ultra-High Molecular Weight Polyethylene (UHMW-PE)



## Environmental and Safety

Considering the total carbon footprint, including costs of raw materials, manufacture, transport, fabricate, install, maintain, plastics compare favorably with more traditional materials. Also, plastics are safer to handle and install. When you consider that most plastics are readily recyclable, they can become the most environmentally responsible and safest choice for many demanding lumber applications.

