Custom Molded Polyurethane Products
PHONE: 724-228-2244 | 1-800-Pleiger (1-800-753-4437) | ONLINE: Pleiger.com

Polyurethane Applications

Snow Removal

Pleiger Plastics Polyurethane Cutting Edges

- Polyurethane exhibits better abrasion characteristics than rubber and most metals.
- Polyurethane is resilient, therefore absorbing impacts and conforming to the surface being plowed rather than damaging the plowing surface. Polyurethane is an ideal choice for use on concrete, parking garages, brick, pavers, cobblestone, or any other uneven surface.
- Polyurethane cutting edges are very quiet in operation, making them ideal for use in residential areas and hospitals.

General Recommendations

- For demanding applications use 2" thick cutting edges.
- Use 2" thick vs. 1" thick cutting edges for plows 102" or larger.
- The cutting edge profile can be made rectangular or beveled for better surface contact.
- To maximize the life of your cutting edge, skid shoes should be utilized. If skid shoes are not being utilized, a 2" thick cutting edge should be used.
- When mounting a new cutting edge, the overhang below the moldboard should not exceed the thickness of the cutting edge.
- When mounting a new cutting edge, the old steel cutting edge or piece of flat stock steel should be mounted on top of the new urethane cutting edge, acting as a large washer.
- Plowing speeds in excess of 40 mph are not advised. To wear in an angle of attack and reduce chatter on initial use, raise casters and back drag plow on wet pavement approximately 50 yards.

Salt Spinners

- Our newly designed polyurethane spreaders have removable fins. The spreader has an 18” diameter made from abrasion resistant polyurethane.
- Choice of shaft sizes are: 0 .75” dia & 1” dia straight or 0.75” dia tapered.
- The design has been approved by airports and state municipality departments because of durability, long wear-life, and reduced machine wear because they weigh less than conventional designs and have exceptional wear resistance.