

# POLY-FASTENER®

ONE OF THE WORLD'S BEST LEADING  
ALL-WEATHER SEALING SYSTEMS

THE POSSIBILITIES ARE ENDLESS!

## POLY-FASTENER'S UNIQUE DESIGN CREATES AN AIR AND WATER TIGHT SEAL

Poly-Fastener® is a two-part plastic fastening system consisting of an outer channel and insert strip that grips tight to flexible materials such as plastic sheeting, fabric, and fiberglass screen WITHOUT damaging the fragile materials. Poly-Fastener's unique design creates a secure air and water tight seal while evenly distributing the material along the holding edge of the channel.

Having been developed in Manitoba, known for its sweltering summers and freezing winters, Poly-Fastener® has been rigorously tested under numerous weather conditions. The channel and insert strip are reusable for many years with simple care and maintenance.



## BIO-RETRACTABLE COMPOST COVERS

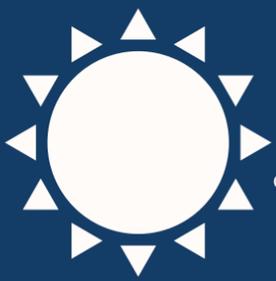
Designed for large-scale composting operations, the Bio-Retractable Compost Cover captures odors, methane, and ammonia gas emissions given off by compost. Fastened to the compost reactor by the Poly-Fastener® system and then rolled over the container, the bio-cover can assist in energy collection. All parts are designed to withstand corrosive elements increasing the usable life-cycle of compost facilities.

## WATER IRRIGATION / CONSERVATION

Our Poly-Fastener® water conservation system offers long-term solutions to food production problems in arid regions. A mix of existing and proven concepts enhanced by advances in low-cost technology give many third world countries the opportunity to enjoy access to projects previously deemed "too expensive" to deploy - something that is of extreme interest to many government and NGO's facing dire need but limited budgets.



## LAGOON LINERS AND EVAPORATION CONTROL COVERS



With the Poly-Fastener® system, lagoon and pond liners prevent water seepage into surrounding soil bases. Being able to limit water loss due to evaporation benefits developing countries desperate to retain (and protect) water sources. Plastic reservoir coverings can be perforated to allow the passage of rainwater while safeguarding water supply from the ravages of the wind and sun. Easy to install and maintain, the water conservation system can easily utilize local labour, eliminating the difficulty (and expense) of securing specialized, high-skilled environmental technicians.

## IRRIGATION TUBES

Our Irrigation Tubes use low-pressure to control the flow of water more efficiently. This helps prevent erosion while minimizing the natural loss of water that occurs through seepage and evaporation. Poly-Fastener® irrigation tubes are formed by folding a flat sheet of plastic film in half, creating a tube of the required size. The open edge is seamed together forming a water tight irrigation tube. Due to its simplicity, the seal can be easily removed and adjusted to decrease/increase the water flow to match specific needs. The tubes can also be perforated to allow for controlled seepage at various designated points along the tube.



## THE GRAIN BAG ZIPPER™



Sealing in the quality of grain for over 25 years. Our quality weather-proof sealing system will keep your grain bags sealed and silage protected from the elements for guaranteed freshness. It's 100% waterproof - never lose grain to moisture again! Enjoy reduced labour costs - quick and easy enough for one person in any weather or terrain. Easy to reopen and reuse - for quick grain access and inspection. Our Poly-Fastener® zipper strips are also durable and reusable. Just feed the zipper strips into the Grain Bag Zipper™ and push it across the grain bag. The tool snaps the strips together sealing the grain inside while also trimming the bag for a clean edge.