TEKPAK Solutions
www.tekpaksolutions.com
44 Ditton Drive, Hamilton, ON, L8W 0A9, CANADA
416-505-3839

The Omnidegradable® SOLUTION

TekPak Solutions investigated many early offerings in the "Sustainable" market, PLA, Cello and Oxo-Bio. We found serious flaws and Green-washing in all of them. They all had timelines where they broke down, cracked or flaked on the store shelves. Some added non-Bio films to help keep them from falling apart too soon. So, we searched for newer options.

Our films are shelf stable for as long as you like. They only react with microbes in Soil or Water, Forests, Rivers, Lakes, Oceans and Landfills. The timeframe to degrade is dependent upon many factors such as; Gauge, Density and Type of Plastic as well as Microbial Activity at the site where it is disposed of. A swamp in South Florida will degrade it much faster than a lake in Alaska. A 0.5 mil Low Density Polyethylene film will degrade much faster than a 20 mil High Density Polyethylene Shampoo bottle.

The organic additive reacts with microbes to create an enzyme that can break the long-chain molecules in plastic into pieces small enough for the microbes to consume completely, thereby reverting to their original elements. They leave behind only Water, CO 2 and a small amount of Organic biomass, all beneficial to plant growth.

Our products do not depend on water, heat, sunlight or oxygen to degrade. They rely on ever-present microbes in soil or water. This is why we call it **Omnidegradable®.**

All proven by Independent Lab Tests.