

# OxiBio Stretch Film

New Film from Quick Pak Inc



Oxi Biodegradable (OBD) plastic is polyolefin plastic to which has been added very small (catalytic) amounts of metal salts. These catalyze the natural degradation process to speed it up so that the OBD plastic will degrade when subject to environmental conditions to produce water, carbon dioxide and biomass. The process is shortened from hundreds of years to months for degradation and thereafter biodegradation depends on the micro-organisms in the environment.

## Degradation

Degradation is a process that takes place in all materials. The speed depends on the environment. Conventional polyethylene (PE) and polypropylene (PP) plastics will typically take hundreds of years to degrade. But oxi-biodegradable products utilize a prodegradant to speed up the molecular breakdown of the polyolefins and incorporate oxygen atoms into the resulting low molecular mass. This chemical change enables naturally-occurring microorganisms to consume the low molecular mass products as a food source, hence biodegradation.

**In stock and available for immediate shipping in the following put up:**

### Hand Wrap:

20" x 80ga x 1000' Extended Core  
4 rolls per case  
50 cases per pallet.

### Machine Wrap:

20" x 80ga x 5000'  
40 rolls per pallet