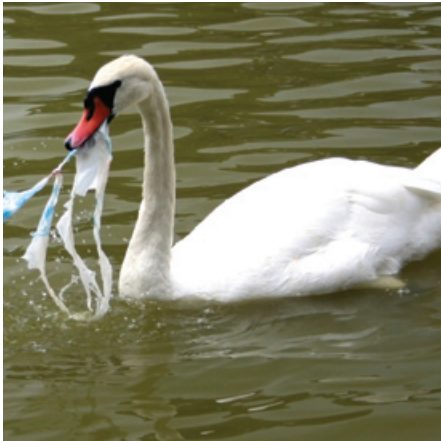




Polythene is strong, durable, versatile, lightweight, safe and inexpensive. However, the problem identified by governments and NGOs around the world is that plastic does last rather too long if it gets into the environment and especially in the oceans. Polyair is our solution to this problem.

Our special Polyair material is oxy-degradable in only 2–3 years – a real eco-compatible solution. We use **d₂w**[®] an oxy-degradable additive, that is put into the polythene at the extrusion stage. This makes the finished product 'oxy-degradable' so that it will degrade and disappear in a very short timescale, leaving no fragments, no methane and no harmful residues.

Our exclusive Polyair material can be chosen as an alternative option to regular polythene across our entire product range, offering your company the opportunity to improve your 'green' credentials, meet legislative requirements and deliver improved environmental solutions.



Rapid, oxy- degradable polythene

Polyair can be used across our full product range of bags, covers, tubes, films, wraps and stretch film, giving you a significantly stronger, environmentally friendly option.

Polyair does not need a biologically active environment to start degrading – this will happen even if the polythene is left in the open air! This is very important if we are to address the serious litter problems caused by waste polythene. For this reason in particular, Polyair 'totally degradable' polythene is superior to 'bio-degradable' materials which require the polythene to be in a biologically active environment (for example, by being buried in the ground) before the degradation process is initiated.

The **d₂w**[®] additive works to break down the carbon-carbon bonds in the polythene leading to a lowering of the molecular weight and eventually to a loss of strength and other properties. Unlike other environmental products in today's society, Polyair is not expensive as it is made using the same machinery and workforce as ordinary polythene.

Stabilisers work to ensure that a sufficiently long useful life is provided for each specific application. For example, a refuse sack might require a useful life of 18 months before beginning to lose its strength whereas a bread bag might only require only a few weeks.

Contact our helpful sales personnel to find out how you can benefit from switching to Polyair based on your current product specifications.

Simply send us a current sample of your regular polythene, including the specification and details of the required application and we will be able to advise you on the optimum Polyair solution, ensuring you the best cost and environmental savings.