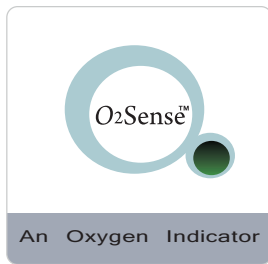




Product Description:



O2Sense is a range of patent pending oxygen sensing products aimed at the Modified Atmosphere Packaging (MAP) market. This range consists of 2 primary versions:

- 1 – An eye readable indicator that gives a clear, visual indication by means of a color change as to whether the amount of oxygen that is present in a sealed food package is within the specified limits. This indicator is intended to alert producers, retailers and consumers of possible breaches of integrity in the package that could lead to an unsafe product.
- 2 – A machine readable indicator that elicits a clear electronic signal when read by means of a proprietary optical reader that is placed on a production packaging line. This is intended to be used as a quality assurance tool for producers to ensure that the products they manufacture are packaged with the correct level of oxygen.

Product status: Under Development

Application:

Both the machine readable and the eye readable versions are intended for use on products in which an incorrect amount of oxygen within the sealed package could lead to a loss of sensory quality and/or a potentially unsafe product to consume. This includes a wide range of categories such as meat, fish, ready to eat meals, dairy products etc.

Features, Advantages & Benefits:

- O2Sense is tunable and able to detect levels of oxygen from 0% to 100%
- The machine readable version detects momentary O₂ Concentration
- O2Sense can be integrated into the packaging substrate
- Both versions of the sensor are made of materials certified as safe for direct food contact
- Implementation of the optical reader for the machine readable version is simple and low cost.

