

design

production

performance

disposal

life cycle assessment



design

Oldroyd products are designed with the environment in mind, demonstrating that high quality and performance can also be of great ecological value. All of our highly efficient membranes and accessories are designed to comply with ISO standard NS-EN ISO 9001:2000 and European Environmental Management System

NS-EN ISO 14001. Oldroyd products are designed for a long service life, the membranes have a 50 year minimum lifespan. During production they are tested to ensure that the quality of performance will remain consistent over this period, significantly contributing to the outstanding life cycle assessment of the membrane.

production



Great care is taken in the selection of suppliers of raw materials to ensure that they meet our own strict environmental requirements.

ensuring that our manufacturing process has an energy requirement approximately 50% lower than that of similar competitor products.

The recycled content of our Multi-Layer Technology products is sourced from material which has been ground, rather than in pellet form, as this is easier to plasticise and consumes less energy. The plant including the extruders used for production has all been designed in-house and features 'direct-drive'

Hydro-electrically generated power is used enabling all production to be undertaken using energy derived from a renewable source. Finally, when the product is delivered to the distributor, transportation by sea is used for the longest sector of the journey where possible, to minimise the carbon footprint.

performance

Oldroyd membranes bring many benefits to the overall efficiency and habitability of the building in which they are used.

They allow other insulation materials to be used with ease giving further environmental advantages. This includes encouraging the efficient use of buildings by maximising the usable habitable space and contributing considerably to the quality of the atmosphere within the building by reducing the humidity.



disposal

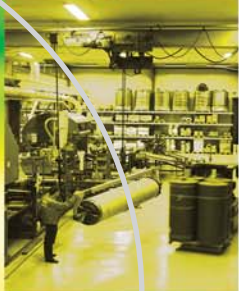


At the end of its useful life, the membrane is not hazardous to the environment if disposal is handled responsibly. The materials can all be recovered and recycled to provide raw materials for further new products - including membranes.

life cycle assessment



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production



performance

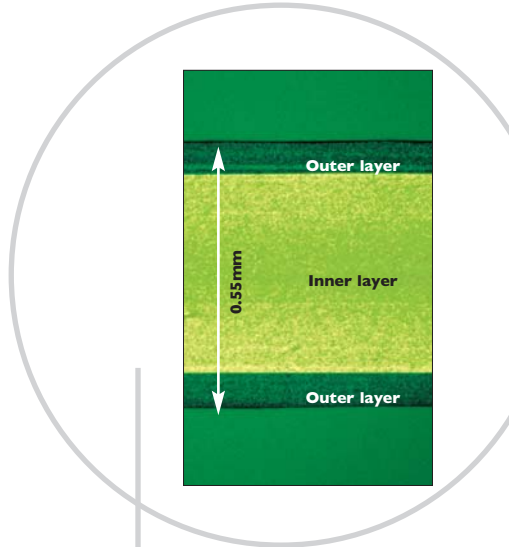


disposal

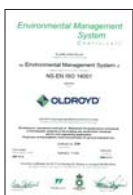
We have invested a great deal of time and resources into establishing working practices to ensure a consistent and measurable quality in all of our products.

Our quality procedures are far in excess of the standards demanded by current regulations.

Care of the environment is of great importance to us. We have recently developed our new multi-layer technology to maximise the use of recycled material in manufacturing, and environmental routines have been introduced and integrated into existing ISO systems.



Through a microscope (above), the quality of the technology employed in the manufacturing process can be clearly seen in this cross-section.



**The company
possesses the
following ISO
Certificates:
NS-EN ISO 9001:2000
and European
Environmental
Management System
NS-EN ISO 14001**

l i f e c y c l e a s s e s s m e n t

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