

Working with Wiefferink means working together with a flexible and progressive organisation. We have our own engineering department, and most of the know-how we have built up during the last fifty years relates to our knowledge of complex and unusual ways of storing and covering.

QUALITY

We have more than fifty years of experience in designing and manufacturing flexible solutions in plastic sheeting, both nationally and internationally. Quality is of vital importance. Wiefferink develops innovative production techniques and uses high-quality foil materials. All our products are thoroughly tested and inspected before use. To do this, we have developed our own testing facilities and quality programmes. We are KIWA and ISO 9001: 2000 certified.

PRODUCTION METHODS (FLEXIBLE SOLUTIONS)

All our products are manufactured from flexible synthetic materials. Thanks to our years of experience in processing high-quality foils, we have the most advanced production methods at our disposal, such as laser-controlled high frequency welding machines and precision equipment. Our production methods guarantee a constant and proven quality.



Silo cover



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Waterproof CO² protection



Silo cover

MISSION

The Wiefferink Group wants to be the best and largest player on the European market with its specific products in the environmental, sustainable energy and water management sectors.



In the past twenty years, this product has continually been adapted to keep up with changing regulations. In addition, Wiefferink has continuously invested in knowledge of the product and its quality. This investment has led to a sustainable product with a long life span.

Waterproof CO² protection



A silo cover from Wiefferink is unique in its class. Thanks to the use of high-quality materials and innovative production techniques, the product basically has an unlimited life span.

Wiefferink in Oldenzaal focuses on processing flexible synthetic materials. We specialise in manufacturing and marketing storage and covering solutions in plastic sheeting. We mainly operate in Europe, but we also have customers in other parts of the world. Our strength lies in the development and innovation of new products.

Thanks to the way we can think along with our customers and to the flexible character of our organisation, we can quickly adapt ourselves to the market. This translates into short delivery times, customer-specific products and high-quality service. In the buyer-producer production and marketing chain, for example, we occupy a unique position. That is because we not only have a knowledge of the products in the total foil market; we also have an in-depth knowledge of the market and the wishes of our customers.

We supply foils that have a number of different properties: gas-tight or gas-permeable, bacteria-proof and fire-proof. Our materials are extremely strong, light and flexible. And compared to concrete and steel, for example, our (end) products are also stronger economically.

The Wiefferink silo cover is an effective cover that protects your silo against CO₂ emissions and also provides extra storage space. The silo cover has a unique drainage system, which has even been patented. Wiefferink helped to conceive this efficient and economical method for covering different types of silos (concrete, steel and synthetic material). In addition to our own specifications and requirements, the Wiefferink silo cover also satisfies all statutory regulations. Nowadays every EU member state is obliged to adapt its regulations for CO₂ emissions to EU norms. This has already been done in the Netherlands, Denmark, Belgium and the Eastern European countries.

The Wiefferink silo cover is made of heavy polyester textile with a synthetic coating material on both sides. The materials used are resistant to manure and other aggressive liquids. The Wiefferink silo cover can also endure the effects of extreme weather conditions for many years. Specifically, the method used to seal the Wiefferink silo cover ensures that external forces are absorbed by the walls of the silo. This system allows the silo to be re-tensioned and the manholes allow access to the silo.

The system limits odour nuisance and emissions of hazardous substances. Wiefferink has been awarded a KIWA suitability certificate for its silo cover, which means that the cover complies with all statutory requirements.



PRODUCTS, MARKETS AND OUTLETS

The environment

Protection of the environment in which we live is becoming increasingly important. Wiefferink has developed different applications that unburden the environment. For example, we make products to prevent CO₂ emissions (manure covers) and to prevent clean water from being affected and we also manufacture products in which biogas can be stored. Last but not least, we make products for clean drinking water.

We develop our products in consultation with various authorities, water boards, municipalities, provinces, energy and water companies and representatives from agriculture and industry. In doing this, we comply with the laws and regulations at all times. Our basic principle is always to find economical solutions.

Water management

In global terms, water and the environment are equally important in our society. Water shortages and water quality are two important factors that are demanding more and more attention. Wiefferink has developed a number of systems that help solve these problems.

Examples of these systems include:

* *Water storage: Flexistore*

* *Liquid transport: Flexitank*

Sustainable energy: biogas tanks and biogas covers

Due to the growing energy shortage, all kinds of innovative techniques are being developed to generate sustainable energy - for example, wind energy, solar energy and biomass. This is making manure a very economically attractive item. Wiefferink has therefore developed a system for the storage of manure which also extracts biogas at the same time. This storage system generates electrical energy that can be supplied to energy companies or can be used by the system owners themselves. This can realise considerable financial revenue.

TECHNICAL DATA

The silo roof structure is designed for each individual project by a certified building consultancy firm and is manufactured according to the specified norms.

Canvas

Heavy quality polyester canvas with PVC, up to 850 gr/m²
Exterior resistant to UV, interior resistant to aggressive substances

Reinforcement belt

Width 50 mm
Breaking strain 2,500 kg

Ratchet buckles

Width 25 mm
Breaking strain 2,500 kg

Stainless straps

Width 25 mm
Breaking strain 2,000 kg

Middle column

Supplied as standard in subtropical hardwood, but is also available in stainless steel, galvanised steel and synthetic material.

All parts are manufactured from stainless steel materials.

