



- Storage capacity 40 - 12.500 m³
- Pressure up to 50 mbar

Membrane Systems Europe B.V. proudly presents:

Flexible Membrane Biogasdome

The Flexible Membrane Biogasdome is supplied as an independent free-standing unit. With their almost total resistance to the harmful acids and other compounds found in biogas, these Biogasdomes are the preferred solution.

Costing less than half the price of a typical steel gasholder of the same capacity, these gasholders are increasingly becoming the normal method of containing and handling biogas.

The gas storage systems are exclusively manufactured from advanced structural fabrics, and designed as membranes to provide both structural (climatic) stability and impermeable gas storage. No metals are used, except for the anchorage connecting the membranes to a concrete foundation slab. The gasholders are provided with inflation fans and full instrumentation to measure and control the storage process.

Application

- Solid waste processing facilities
- Sewage (water) and sludge treatment facilities
- Agricultural waste treatment projects
- Agricultural and industrial biogas installations

Proven technology

Since 1995 more than 140 installations worldwide in the UK, Canada, Netherlands, Poland, Finland, Turkey, Cape Verdian and Portugal.

Proven quality

- 100% Computerized industrial high-frequency welding
- Most advanced structural fabrics
- Sealed inner gascontaining membrane is tested before leaving factory

We will be more than pleased to provide you with more information!

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