



DOUBLE MEMBRANE GAS HOLDER



POWER PLASTICS LIMITED
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| www.powerplastics.co.uk

DOUBLE MEMBRANE GAS HOLDER



OUR MISSION

We are a leading, UK based, fabric engineering company specialising in the design manufacture and installation of tensile fabric structures and fabric membranes for a wide variety of industries.

Operating in a range of industries we have a worldwide reputation for the quality and service of the products that we provide.

Established for over 40 years POWER PLASTICS have a long history as a Tensile PVC manufacturer, although the Power Plastics of the late Sixties bears little resemblance to the high-tech company operating today.

Our integrated management policy encompasses ISO 9001, ISO 14001 and ISO 45001 enables us to align all our management systems with our business strategy.



In addition to the above our CE certificate covers the design and manufacture of structural components intended for load bearing applications as covered by BS EN 1090.

Our certification covers structures right up to execution class 4.

POWER PLASTICS, THE U.K.'S LEADING
MANUFACTURER OF DOUBLE
MEMBRANE GAS HOLDERS



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FORWARD THINKING

Computer-aided design and laser measuring now go hand in hand with our superb cutting and welding skills to allow us to design complex solutions to the challenges our customers face. We bring an open mind to every project, incorporating our engineering and material know-how, in order to create right-first-time solutions where none existed before.

The results can be seen in the construction business, the water industry and in renewable energy, biogas projects all over the world. It's our business to see a project through from draft design to installation.... and we have never faced a problem yet that we couldn't beat.

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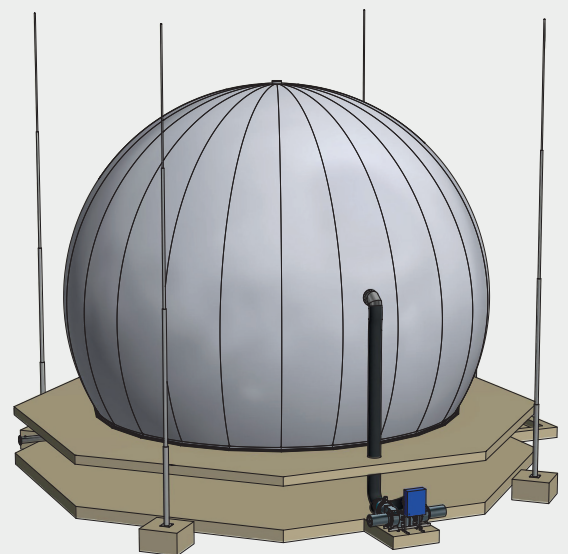
FORWARD THINKING

POWER PLASTICS have been manufacturing Double Membrane Gas Holders since 2012 and now have the largest reference list of any UK membrane manufacturer with over 150 installations around the world.

We utilise a range of specially formulated, high quality, reinforced thermoplastic materials intended for the storage of Biogas.

Varying membrane strengths are utilised to give the optimum operational performance whilst maintaining rigorous safety factors and standards.

All our biogas storage solutions are fully supported by structural calculations to give you the ultimate confidence in the finished installation for many years to come.



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FORWARD THINKING

Our Gas Holders can be provided as Ground Mounted units or can be mounted directly on top of the Digestion Tank to provide a Gas Storage Roof; we can also incorporate accessories such as access platforms, service boxes etc.

In addition to spherical gas holders and circular tank roofs we can also provide solutions for rectangular tanks and lagoons of any size and shape.

All our Gas Holders are designed and detailed in-house by our own engineering team and then fabricated at one of our 3 manufacturing facilities in the north of England.

All manufacturing facilities contain the most modern automated cutting and high frequency welding equipment in the industry with all our processes and procedures certified to the most rigorous third-party standards including ISO 9001, 14001 & 18001



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