Power Plastics
Leaders in Cover Technology



FREE SPAN DOME
TANK COVERS

POWER PLASTICS LIMITED
Thirsk, North Yorkshire, YO7 1PZ.
+44 (0)1845 525 503
www.powerplastics.co.uk

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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 OHSAS 18001 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.

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FREE SPAN COVER SOLUTIONS

Our unique Aluminium & PVC Membrane, Hybrid Cover provides a flexible, high quality and cost-effective odour control tank cover solution.

The full range of covers has been specially developed to provide a durable and long lasting solution for either new build or retro-fit applications on slurry, rainwater harvesting or storage tanks for agricultural, municipal and industrial wastewater applications.

Covers can be provided as free-span solutions for all tank materials and sizes up to 25.0m Diameter without modification to the tank design. Over 16.0m Dia vertical stiffeners may be required and these are included in our package.

All our covers are fully supported by structural calculations certified by a chartered structural engineer with fully insurance cover.

- Aluminium & PVC Membrane Provides Optimum Cost and Durabilty
- Odour & Watertight Construction
- Diameters available up to 25.0m Free Span
- Designed as Standard for 43m/sec Wind Speed & 0.75kN/m2 Snow Load
- Designs for Other Environmental Conditions can be easily provided
- Designed as Standard for Tanks up to 5m High
- Modular Design and Ligtweight Materials Keep contruction time to a minimum.





All our covers 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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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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