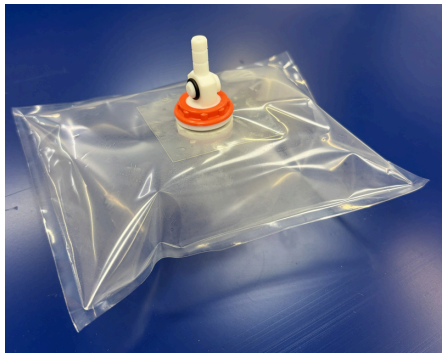


Bespoke Tedlar Bags for Gas Sampling



The Challenge

A partner specialising in corrosion monitoring and materials testing required compact gas sampling bags for a specialist application. Their work supports customers across the energy, transport, aerospace, marine and infrastructure sectors.

The brief specified a 0.5 litre capacity, precise internal dimensions and a centrally positioned valve fitting. The material, weld width and connection arrangement all needed to be incorporated into the finished design.

The Approach

Adtech manufactured the bags using 50 micron Tedlar film, with internal dimensions of 120mm × 150mm and a 5mm weld width.

Each bag was fitted centrally with a ¼" spigot PTFE on/off tap valve. This provided a connection point for the sampling tubing and allowed the flow into and out of the bag to be controlled.

The Final Product

The finished product was a compact 0.5 litre Tedlar gas sampling bag manufactured to the partner's specified dimensions and fitting configuration.

The project demonstrates how Adtech brings together material, bag construction and valve fittings to meet an individual sampling requirement, with each detail forming part of the complete assembly.

For more information about our products, please visit adtech.co.uk

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