

User Manual

How to use Tedlar bag or Gas sampling bag?

The Tedlar bag can be operated or used by several methods. Here is a standard operating guide for the gas sampling bag.

1. Select a Tedlar bag of required capacity.
2. Make sure that, it should not contaminate by any means.
3. Keep a gas collection pump or manual pump available with all the required accessories.
4. Connect the rubber tube to the hose provided at Polypropylene (PP) dual functioning valve and then rotate the valve on the anticlockwise direction to open.
5. Start filling the Tedlar bag up to 90% of total capacity to avoid the leakages and bag deformation.
6. As soon as the sampling bag filled up to its limit, close the functioning valve by rotating it clockwise direction and remove the tube from the hose.
7. The Tedlar bag can retain the gasses sample up to 3-4 days without any losses.
8. Then take a gas syringe and load the sample for sampling in gas chromatography or other devices.
9. For reuse, flush the Tedlar bag thoroughly with inert gas or purified air 2-3 times or researcher may vacuum the gas sampling bag with the help of a vacuum pump.
10. Avoid the direct contact of the Tedlar bag with fire and allow sampling below 200-degree Celsius temperature.

Techinstro assures the above specification and dimensions of the product as per datasheet. We ensure the quality of the product with moisture proof packing. This sheet is also available on the website, where a researcher or purchaser can also download it merely by clicking on the pdf link. The terms and condition for the product purchase mentioned in the quotation. For safe product storage, tips and procedure provided with the material. For more queries, contact our technical support.