

Fluode Gas Sampling Bag - *The NEW Standard in Gas Sampling*

Fluode Gas Sampling Bags

Fluode Gas Sampling Bag with stopcock side-opening valve with silicone septum port 1/4" 6.35m FLD21_0.5L

ALL PRODUCTS

Tedlar® PVF Gas Sampling Bags

Aluminium-foil (Multi-Layer) Gas Sampling Bags

Teflon® FEP Gas Sampling Bags

Gas Detector/ Monitor—GASTEC/ HONEYWELL/ Riken Keiki/ QRAE

DEVEX (Multi-Layer) Gas Sampling Bags

Kynar PVDF Gas Sampling Bags

New DEVEX (Multi-Layer) Gas Sampling Bags

EVOH Gas Sampling Bags

Polyester Gas Sampling Bags (Odor Bag)

Fluode Gas Sampling Bags

Valves & Fittings for Gas Sampling Bags

Fluode Gas Sampling Bag with stopcock side-opening valve with silicone septum port 1/4" 6.35m FLD21_0.5L



Large Image : Fluode Gas Sampling Bag with stopcock side-opening valve with silicone septum port 1/4" 6.35m FLD21_0.5L

Product Details:

Place of Origin: **Here !**

Brand Name: **HD**

Model Number: **FLD21_0.5L**

Payment & Shipping Terms:

Minimum Order Quantity: **10 Pieces**

Price: **AUD \$12.00 /piece**

Packaging Details: **customized**

Payment Terms: **T/T**

Supply Ability: **100000 Pieces per Month**

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Fluode Gas Sampling Bag with stopcock side-opening valve with silicone septum FLD21_1L (air sample bag) port 1/4" 6.35m



Fluode polyfluoro-film is developed by our company Dalian Hede technologies for gas sampling bags. The materials of making Fluode polyfluoro film are supplied by a renowned fluoroproducts manufacturer. Fluode is a kind of unique polyfluoro-film with excellent chemical stability and superb physical property. The aggregate form of fluorine atoms in Fluode polymer is similar to that of polyvinyl fluoride such as Tedlar, elasticity modulus and stiffness is also close to PVF, but elongation at break increase, which shows up impact resistance performance of Fluode film, that is Fluode film is more tenacious and not susceptible to fracture.. However Fluode has greater f-atom content in CC bond than other fluoro polymers, so the chemical property and physical property of Fluode are improved significantly. Fluode possesses excellent inertness, low permeability low absorptivity and high strength. Fluode gas sampling bags are suitable for low concentration analysis and VOCs assessment. It is excellent substitute of Tedlar bags. The heat-resistance temperature of Fluode fluorine polymer is 150°C ~ 170°C, easy to heat binding sealed, which is very conducive to being produced gas sampling bags, and Fluode gas sampling bag will be developed into new gas sampling bags industry standards.



Features:

- superb strength and low permeability and low absorptivity
- excellent chemical inertness and stability

•Standard Fluode Gas Sampling Bag

Sizes:0.5L,1L,2L,3L,4L,5L,8L,10L,15L,20L,30L,and 40L 6000L or customized size.

Select from a variety of sizes to suit your needs.

| Specification | |
|----------------|--------------|
| Product Type | Sampling Bag |
| Material | Fluode |
| Volume(Liters) | 0.5 |
| Model | FLD21_0.5L |
| Brand | HD |

Applicable scope:

Fluode gas sampling bags can be used in high precision of PPM and PPB level sample analysis,can sample and save all kinds of highly corrosive and chemical activegaseous,liquid samples.

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Packaging & Shipping:

- Reply your inquiry within 24 hours
- Experienced staffs answer all your questions in fluent English>'Strine !
- Exclusive and unique solution can be provided to our customer by our well-trained and professional engineers and staffs . . . *and just maybe beyond the usual "Norm" !*



Other Products



Fluode gas sampling bag with side-opening PTFE valve (FLD41_10L) air sample bags



Fluode gas sampling bag with side-opening PTFE valve+ PTFE fitting (FLD4Z_4L) air sample bags



Fluode gas sampling bag with PTFE valve and septum valve (FLU31_1L) air sample bags



Fluode air/gas sampling bag with PTFE straight valve+PTFE fitting silicone septum (FLD3Z_1L) syringe



Fluode Gas Sampling Bag with stopcock combination valve with silicone septum FLD11 0.5L (air sample)

Teflon® FEP Gas

Sampling Bags

Teflon® FEP gas sampling bag with PTFE valve & septum port syringe

New DEVEX

(Multi-Layer) Gas

New DEVEX multi-layer foil air/gas sampling bags with stopcock straight valve and septum valve syringe

Tedlar® PVF Gas

Sampling Bags

Tedlar® PVF Gas Sampling Bag with dual-valve with silicone septum port TDLC32_200L Tedlar PVF sample VOCs detection

Standard New Devex Gas Sampling Bag (Multi-layer Foil)

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| Products |
| ALL PRODUCTS |
| Tedlar® PVF Gas Sampling Bags |
| Aluminium-foil (Multi-Layer) Gas Sampling Bags |
| Teflon® FEP Gas Sampling Bags |
| Gas Detector/ Monitor—GASTEC/ HONEYWELL/ Riken Keiki/ QRAE |
| DEVEX (Multi-Layer) Gas Sampling Bags |
| Kynar PVDF Gas Sampling Bags |
| New DEVEX (Multi-Layer) Gas Sampling Bags |
| EVOH Gas Sampling Bags |
| Polyester Gas Sampling Bags(Odor Bag) |
| Fluode Gas Sampling Bags |
| Valves & Fittings for Gas Sampling Bags |



New DEVEX multi-layer foil air/gas sampling bags with PTFE straight and septum valve with O.D.6mm 1L Port

New DEVEX multi-layer foil air/gas sampling bags; 1Liter with PTFE straight and septum valve (syringe sample) with O.D.6mm Port - *other sizes available ASK !*



Large Image : New DEVEX multi-layer foil air/gas sampling bags; 1Liter with PTFE straight O.D.6mm Port and septum valve (syringe sample) with - *other sizes available ASK !*

| | |
|---------------------------|-----------------------------|
| Product Details: | |
| Place of Origin: | Here ! |
| Brand Name: | HD |
| Model Number: | NDEV71_1L |
| Payment & Shipping Terms: | |
| Minimum Order Quantity: | 10 Pieces |
| Price: | AUD18.00each (0.5Liter) |
| Packaging Details: | customized |
| Payment Terms: | PayPAL |
| Supply Ability: | ex stock or 2-3weeks import |

NDEV71_1L New DEVEX multi-layer foil air/gas sampling bags; 1Liter with PTFE straight O.D.6mm Port and septum valve (syringe sample) - *other sizes available ASK !*



Dear Judy, It's a very memorable visit to your factory. Thank you very much for your support and helpful and taking care. Nice to work with you.

—— Chumsin from Thailand

Hi Judy, Thanks again for all your assistance with our order. I shall make sure that we contact you for another quote in a short time.



—— Barry from UK

Hello Judy we received the order this morning, that is a very good delivery time for shipping... Regards

Our company DH Technologies and professional companies together researched and developed Devex film with international advanced technology specifically for making high quality gas sampling bags. Devex is very low background,little contamination and good elasticity, can satisfy International customers high requirements. New Devex film is composed of total 11 layer films (PET, PA, Aluminum, PE, etc) with thickness around 75um thinner than Aluminium foil (multi layer) film and better elasticity, can't become hard-brittle when cold like some Aluminium-foil (multi-layer) film, it has superb strength and low permeability, meanwhile it possesses excellent chemical inertness and stability. Especially when Aluminium-foil (multi-layer) film cannot meet the requirements using fluorine polymer film which can cost too much, - Devex gas sampling bag is the best choice. Devex film is superior to Aluminium-foil composite film, and most highly cost effective.



Standard New Devex Gas Sampling Bag

Multi-Layer Foil

Ideal for sampling and storing H₂S, and for low molecular weight compounds such as Methane, CO/CO₂, Hydrogen, and inert gases which are not stable in Tedlar, Kynar, or FEP. Water- and vapour-proof, these flexible bags protect light sensitive compounds.

Devex bags are available with several fitting and valve options.

They provide up to five day sample stability with minimal absorption.

Features:

- composed of total 11 layer films
- very low background, little contamination and good elasticity
- superb strength and low permeability
- excellent chemical inertness and stability
- wide range of applications
- low price and highly cost effective
- Normal Aluminium-foil multi-layer film is glued with solvent adhesive, can volatilise a large number of organic volatile impurities that can pollute the sample gas., Devex film is devoid of environmental protection adhesive, amount of organic volatile chemicals (VOCs) from inner layers is extremely low, thereby avoid the sample gas being polluted and prevent the interference of analysis data. The organic solvent remnant amount of Devex film is 0.1mg~0.3mg/m², which is 5% of Aluminium-foil multi-layer film, so Devex film is the ideal high performance substitute for Aluminium-foil multi-layer film.

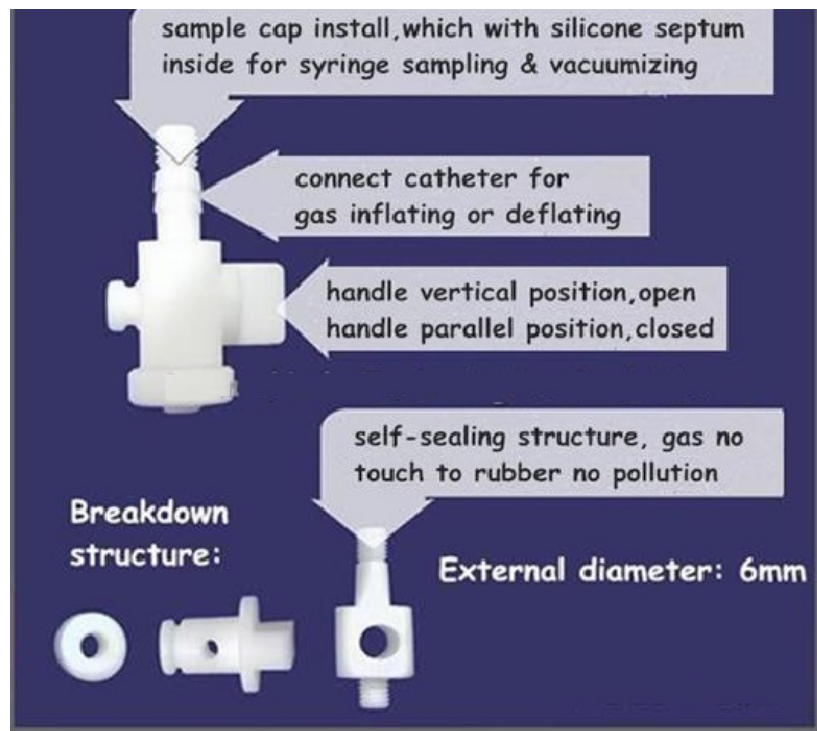
- **Standard New Devex Gas Sampling Bag**

Sizes: 0.5L, 1L, 2L, 3L, 4L, 5L, 8L, 10L, 15L, 20L, 30L, 40L to 6000L or customized size.

Select from a variety of sizes to suit your needs.

| Specification | |
|----------------|--|
| Product Type | Sampling Bag |
| Material | Multi-Layer Foil |
| Volume(Liters) | 1 |
| Model | NDEV71_1L (1 liter - Ask for other sizes ! |
| Brand | HD |





Applicable scope:

- Devex gas sampling bag can fill the gas being of stable chemical properties, such as: pyrolysis gas, natural gas, coal bed gas, smoke dust gas, ambient atmosphere, technological process reaction gas. It is widely used in petrochemical industry and environmental monitor etc. for gas sampling and save. Devex gas sampling bag can ensure that the low concentration (PPM) component is constant for 1-3 month.
- Devex gas sampling bag can be used in sampling and detection for non-methane hydrocarbon.
- Devex gas sampling bag can fill low level of hydrogen(H_2), oxygen(O_2), nitrogen(N_2), argon(Ar), methane(CH_4), carbonic oxide(CO), carbonic dioxide(CO_2).
- Devex gas sampling bag is not recommended to use for the gas with high chemical, corrosivity and strong oxidizing property such as: hydrogen sulfide, nitrogen oxides, strong acidity gas and halogens gas or low content component with level



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Website: <https://chromtech.net.au> > generally !

Operating guide & Precautions:

- Avoid filling pressure higher than 6000Pa. Fill gas until the bag is fully expanded, however, not so tense when you press it using your finger. Any over-pressure filling can cause gas sampling bag burst damage.

- Operating temperature: $-15^{\circ}\text{C} \sim +60^{\circ}\text{C}$.

- Keep away from flame and high temperature when filling and storage.

Avoid contacting any “sharps”.

- Before use, flush sampling bags three times with the gas you want to fill.

- The connection of valve and instrument or the equipment best be adopted corresponding latex tube or silicone tube transition.

- For sulphide and halogen gas, high content such as the percentage level or low content such as PPM level are not recommended to use.

- As the composite membrane using two-component adhesive when manufacturing, it can volatilize benzene, ketones, ethers, esters and other organics. So we should pay attention to the Aluminium-foil composite membrane separating out the residual organics can pollute the sample gas inside the bag, analysis data can cause interference.

- The gas sampling bag should be cleaned repeatedly replacement if it is reused. Suggest the same sample bag collecting samples of the same kind gas, don't mix.

- The sample gas in sampling bag to save time should not be too long, specific saving time depend on detection limit of experimental analysis requirement, gas component species, temperature and humidity, pressure, etc; generally, for pure inert gas, sampling bag can be used as a temporary storage container and recommended storage time less than 72 hours; for standard gas, flue gas, ambient atmosphere, recommended storage time less than 24 hours.

- High purity nitrogen gas heating replacement can reduce the interference of organic separating out.

- When sampling and cleaning, please do not exceed 80% of the calibration volume, take 1L sampling bag for example, suggested sampling volume is less than 0.8 L.

- There must be a blank sample bag compare for precise experimental analysis to do background deduction.

- For high-temperature high-pressure gas should be down to normal temperature and pressure to sample, specific treatment method according to actual situation.

- For negative pressure gas, should be sampled by appropriate power and flow rate vacuum pump.

- For the gas containing particulate matter, dust and aerosols, should adopt filter to prevent polluting the sample bag, otherwise it is then more difficult to clean up.

Packaging & Shipping:

- We Reply your inquiry usually within 24 hours

- Experienced staff answer all your questions in fluent English > ‘Strine

- Exclusive and unique solution can be provided to our customer by our well-trained and professional engineers and staff.



Other Products



New Devex multi-layer foil gas sampling bags with ABS (L-type) On/Off Combination valve with side



New Devex multi-layer foil air/gas sampling bags with side-opening stopcock valve and silicone septum for



New Devex multi-layer foil gas sampling bags with ABS (L-type) On/Off Combination valve with side



New DEVEX multi-layer foil film air/gas sampling bags with PTFE straight and septum valve with outside diameter 6mm



New DEVEX air/gas sampling bags with PTFE straight dual-valve with silicone septum (NDEV72 1L)

Teflon® FEP Gas Sampling

Bags

Teflon® FEP gas sampling bag with PTFE valve & septum port syringe sampling FEV31_1L (air sample bags)

New DEVEX (Multi-Layer)

Gas Sampling Bags

New DEVEX multi-layer foil air/gas sampling bags with stopcock straight valve and septum valve syringe (NDEV31_1L)

Tedlar® PVF Gas Sampling

Bags

Tedlar® PVF Gas Sampling Bag with PTFE dual-valve with silicone septum port TDLC32_200L Tedlar PVF sample VOCs detection