



OMI ■ 近江オドエアサービス株式会社
OMI ODOR AIR SERVICE Co., Ltd.

Overseas Distributor:

CMT Japan Co., Ltd.

Kanda-Omiya Bldg. 5F, 1-23 Kanda-Jimbocho, Chiyoda-ku,
Tokyo 1010051, Japan

Tel:+81-3-5217-4555 Fax:+81-3-5217-4557

E-mail: info@cmtco.jp



OMI ODOR AIR SERVICE offers the following bags:

Flek-Sampler[®], Tedlar[®] Bag, PVDF Bag, Fluororesin Bag, BS Bag, FM Bag

Sampling bags are widely used for the sampling of gases.

Selecting the appropriate sampling bag is important when conducting precision analysis.

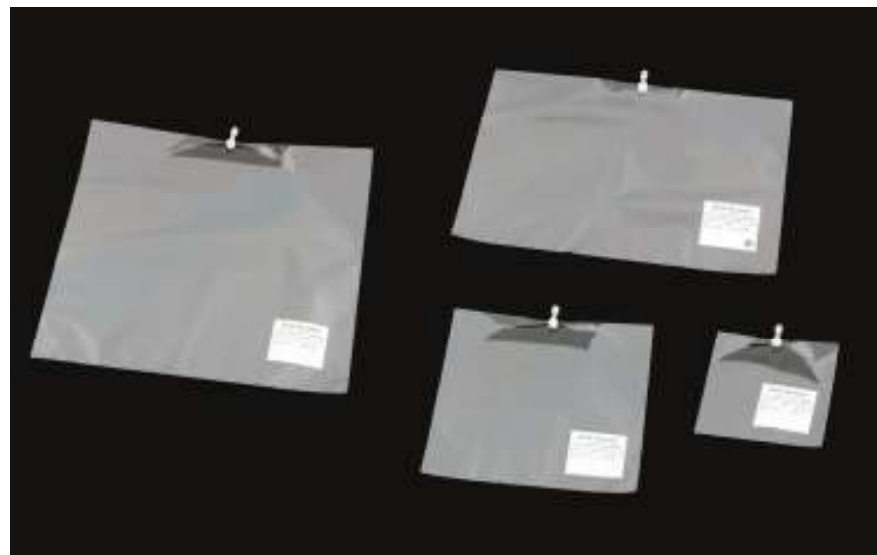
Please select the appropriate sampling bag in order to obtain reliable results.

Flek-Sampler[®]

- FILM > Material : PET (Polyethylene-Terephthalate)
 - Thickness : 38 μ m Transparency Film
 - 25 μ m Aluminum-Coating Film
 - 50 μ m Aluminum-Coating Film
- Heat Resistant Temperature : 70 $^{\circ}$ C
- Characteristics >
 - Superior in scentless properties
 - Superior in mechanical strength
 - Superior in chemical resistance
 - Superior in gas barrier properties
- Applications >
 - Odor Analysis, Working Environment Measurement,
 - Analysing Soil-gas, Volatile Organic Compound (VOC) etc.
- Connector >
 - 8SN (8 ϕ PVDF Sleeve)

※Aluminum Coating Type

- Made of laminated film from PET and Aluminum.
- Good permeation; resistant to inorganic gas



Flek-Sampler®

【 SIZE 】 (Length x Width : mm)

Capacity (Liter)	F-type A-type	DS-type	DF-type	DA-type	DW-type	SOLID-type F / A
1 L	200 x 200	170 x 250	170 x 250	200 x 200	170 x 250	200 x 200
2 L	220 x 250	220 x 250	220 x 250	220 x 250	220 x 250	220 x 250
3 L	300 x 250	300 x 250	300 x 250	300 x 250	300 x 250	300 x 250
5 L	330 x 330	330 x 330	330 x 330	330 x 330	330 x 330	330 x 330
10 L	350 x 500	350 x 500	350 x 500	350 x 500	350 x 500	350 x 500
20 L	500 x 500	500 x 500	500 x 500	500 x 500	500 x 500	500 x 500
30 L	650 x 600	650 x 600	750 x 500	750 x 500	500 x 750	650 x 600
50 L	650 x 850	650 x 850	750 x 750	750 x 750	1000 x 500	650 x 850
100 L	1000 x 1000	1000 x 1000	1000 x 1000	1000 x 1000	—	1000 x 1000

【 Types of Flek-Sampler 】

F-type > 38μm Transparency Film

DS-type > 25μm Aluminum-coating Film (100L: 38μm)

A-type > 38μm Transparency Film (Pressure Resistant)

DF-type > 50μm Aluminum-coating Film

DA-type > 50μm Aluminum-coating Film (Pressure Resistant)

DW-type > 25μm Aluminum-coating Film (Double Film)

SOLID F-type > 38μm Transparency Film (One-sided Open Style)

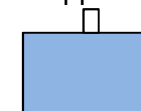
SOLID A-type > 38μm Transparency Film
(Pressure Resistant, One-sided Open Style)

NOTE >

The 8SN(8φPVDF Sleeve connector on the Flek-Sampler is attached to the center of the upper side.

If a different connector is needed, please specify when ordering.

*Please refer to the last page for the type of connectors available.



Other sizes can also be manufactured. Inquiries on matters other than the above are also welcome.

Tedlar® Bag

- FILM > Material : PVF (Polyvinyl Fluoride)
 Thickness : 50µm
 Heat Resistant Temperature : 100°C
- Characteristics >
 Superior tolerance to various gases / organic solvents.
- Applications >
 Automobile interior materials, Automobile emissions,
 Oil ingredient measurements,
 Organic solvents, Inorganic gas, etc.

Capacity (Liter)	Size (mm) (Length x Width)
1 L	150 x 250
2 L	220 x 250
3 L	300 x 250
5 L	400 x 250
10 L	350 x 500
20 L	500 x 500
30 L	700 x 500
50 L	600 x 750
100 L	1000 x 1000

- Connector > 6SN or 7C for up to 10L, 8SN for above 10L.
 If you need a different connector, please instruct on the order.
- *Please refer to the last page for the different types of connectors available.
- Other sizes can also be manufactured. Inquiries on matters other than the above are also welcome.

*Tedlar® is a registered trademark of E.I. du Pont de Nemours & Co., Inc.

PVDF Bag

- FILM > Material : PVDF (Polyvinylidene Fluoride)
 Thickness : 50µm
 Heatresistant temperature : 170°C
- Characteristics >
 Excellent in chemical and heat resistance.
- Applications >
 Automobile interior materials, Organic solvents,
 Working Environment Measurement, etc.

Capacity (Liter)	Size (mm) (Length x Width)
1 L	150 x 250
2 L	220 x 250
3 L	300 x 250
5 L	400 x 250
10 L	350 x 500
20 L	500 x 500
30 L	700 x 500
50 L	600 x 750
100 L	1000 x 1000

- Connector > 6SN or 7C for up to 10L, 8SN for above 10L.
 If you need a different connector, please instruct on the order.
- *Please refer to the last page for the different types of connectors available.
- Other sizes can also be manufactured. Inquiries on matters other than the above are also welcome.

Fluororesin Bag

- FILM > Material : FEP (Fluorinated Ethylene-Propylene Copolymer)
 Thickness : 50μm
 Heat Resistant Temperature : 70°C
- Characteristics >
 Excellent in chemical and heat resistance.
- Applications >
 Organic solvents

Capacity (Liter)	Size (mm) (Length x Width)
1 L	175 x 250
2 L	220 x 250
3 L	300 x 250
5 L	330 x 330
10 L	350 x 500
20 L	500 x 500

- Connector > 6SN or 7C for up to 10L, 8SN for above 10L.
 If you need a different connector, please instruct on the order.
- *Please refer to the last page for the different types of connectors available.
- Other sizes can also be manufactured. Inquiries on matters other than the above are also welcome.

BS Bag

- FILM > Material : Vinyl Alcohol Series Polymer Film
 Thickness : 53µm
 Heat Resistant Temperature : 120°C
- Characteristics >
 Low background
 Superior solvents resistance, heat and permeation resistance.
- Applications >
 Diffusion gas from materials, Deodorization usability test, Inorganic gas, etc.

Capacity (Liter)	Size (mm) (Length x Width)
1 L	150 x 250
2 L	220 x 250
3 L	300 x 250
5 L	400 x 250
10 L	350 x 500
20 L	500 x 500
30 L	700 x 500
50 L	600 x 850

- Connector > Please choose 6ST or 7ST or 8ST or 6K or 8K
 *Please refer to the last page for the different types of connectors available.
- Other sizes can also be manufactured. Inquiries on matters other than the above are also welcome.

FM Bag

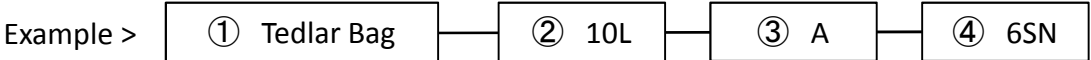
- FILM > Made of a PET-based Multi-layer Structure Film
 Thickness : 57µm
 Heat Resistant Temperature : 90°C
- Characteristics >
 Low background
 Superior solvents resistance
- Applications >
 Diffusion gas from materials, Deodorization usability test, Inorganic gas, etc.









Capacity (Liter)	Size (mm) (Length x Width)
1 L	150 x 250
2 L	220 x 250
3 L	300 x 250
5 L	400 x 250
10 L	350 x 500
20 L	500 x 500
30 L	700 x 500
50 L	600 x 850

- Connector > Please choose 6ST or 7ST or 8ST or 6K or 8K
 *Please refer to the last page for the different types of connectors available.
- Other sizes can also be manufactured. Inquiries on matters other than the above are also welcome.

When Ordering

Please specify the following:



① Material	Flek-Sampler® / Tedlar® Bag / PVDF Bag /Fluororesin Bag / BS Bag / FM Bag								
② Capacity (Liter)	1L,2L,3L,5L,10L,20L,30L,50L,100L , Other size (0.1~500L) can also be manufactured upon request.								
③ Connector Type	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; padding: 5px; background-color: #e0f0ff;">A Type</div> <div style="border: 1px solid black; padding: 5px; background-color: #e0f0ff;">B Type</div> <div style="border: 1px solid black; padding: 5px; background-color: #e0f0ff;">C Type</div> <div style="border: 1px solid black; padding: 5px; background-color: #e0f0ff;">D Type</div> </div> <p>If there is a request on where the connector should be installed, please specify on the order.</p>								
④ Connector 6SN or 7C for up to 10L, 8SN for above 10L (excluding Flek-Sampler, BS Bag, FM Bag)	Mark	6SN	8SN	7C	6ST	7ST	8ST	6K	8K
	Name	Sleeve		Connector	Sleeve			Cock	
	Material	PVDF			PTFE				
	Type								

New Products

We now offer Skypia® Bags !

Now with a wider range of sampling bags that best suits your application and conditions!

Sampling bags are used for various purposes. Using advance technology to produce PET-based bags that are otherwise difficult to weld, we develop products with high mechanical strength, that are chemical resistance and have gas barrier properties. Our sampling bags are used for environmental analysis such as odor index, specific malodorous substances, work environment, soil gas, as well as product analysis of exhausts, functional fibers, and building materials; a wide variety of usages in various fields. In order to ensure that analysis will not be affected, our bags are made from different materials providing different physical strengths and flexibility to suit your various needs. Just choose the right bag based on the application, condition and method of analysis. We have **added Skypia® Bags to our product line-up** to increase our offerings to our customers.

New Product Skypia® Bag

This products is developed for the use of Automotive Interior VOC Emissions Tests.

Materials: Ethylene-vinyl alcohol copolymer (EVOH)

Film melting point: 165°C.

Film thickness: 55 µm

Features: Skypia® Bag is made of multilayered (laminated) EVOH-based films.

Since the front and back are the target structure, both sides can be welded together.

It is excellent in gas barrier properties, is adsorption resistant, heat resistant, and has gas barrier properties.

Application: Automobile Interior Material VOC Emissions Testing

Size: 10L, 50L, 300L, other specified sizes are possible to produce.



Skypia® is a registered trademark of Daizo Co., Ltd.