

To valued Customers

Shin-Etsu Chemical Co., Ltd.

Silicone Division

### **Notice of changes related to ECOBULK containers**

We will announce that our specifications for ECOBULK containers will be changed according to the notification from our supplier. The details are as follows:

#### **1. Changes :**

1. Specification changes due to discontinuation of attachment of ECOBULK ticket service document
2. ECOBULK top lid
  - a) Changes to new seal cap
  - b) Changes from mushroom ventilation mechanism to PTFE membrane mechanism
3. Additional lateral level scale

#### **2. Time of change :**

Above Changes	Time of change
1	This will be changed sequentially from September 2020. * Please note that the timing of the change may vary depending on the inventory status of the current product.
2.3	This will be changed sequentially from January 2021. * Please note that the timing of the change may vary depending on the inventory status of the current product.

#### **3. Contact :**

If you have any questions, please contact your local sales representative.

We wish to thank you very much for your continued and highly valued patronage of Shin-Etsu Silicone products.

## 1. Specification changes due to discontinuation of attachment of ECOBULK ticket service document

### Parts to be changed

Label plate / Add QR code sticker / Discontinue ticket service document

### Changes

Discontinuation of ticket service document, and creation of QR code sticker. Customers can access ticket service guide by reading QR code.

Also, label plate will be changed as ticket slot in the plate is no longer required.

※There is no change in the performance of IBC itself.

### Reasons for changes

- Global standardization of label plate
- Efficiency of ticket service procedure
- Reduction of environment load materials

### Time of the changes

This will be changed sequentially from September 2020.

\* Please note that the timing of the change may vary depending on the inventory status of the current product.

### Sample Pictures



## 2. ECOBULK top lid

### a) Changes to new seal cap

#### Overview Description:

Compared to the current seal caps (red in the picture) that are locked to the bung, the new Automatic Lock seal cap (white) inner locking ring is incorporated into the lid, and the seal cap itself has predetermined breaking points that crack open when force is exerted. This provides maximum protection against manipulation.

For automatic filling, the seal cap centers itself automatically in the plug and can be easily installed with light pressure.

The standard color of the seal cap will be white.

#### Time of changes :

This will be changed sequentially from January 2021.

\* Please note that the timing of the change may vary depending on the inventory status of the current product.



## b) Changes from mushroom ventilation mechanism to PTFE membrane mechanism

### Overview Description:

Over the years the technology of ventilation membranes has significantly evolved. In cooperation with our main supplier, we have developed a new standard PTFE membrane mechanism.

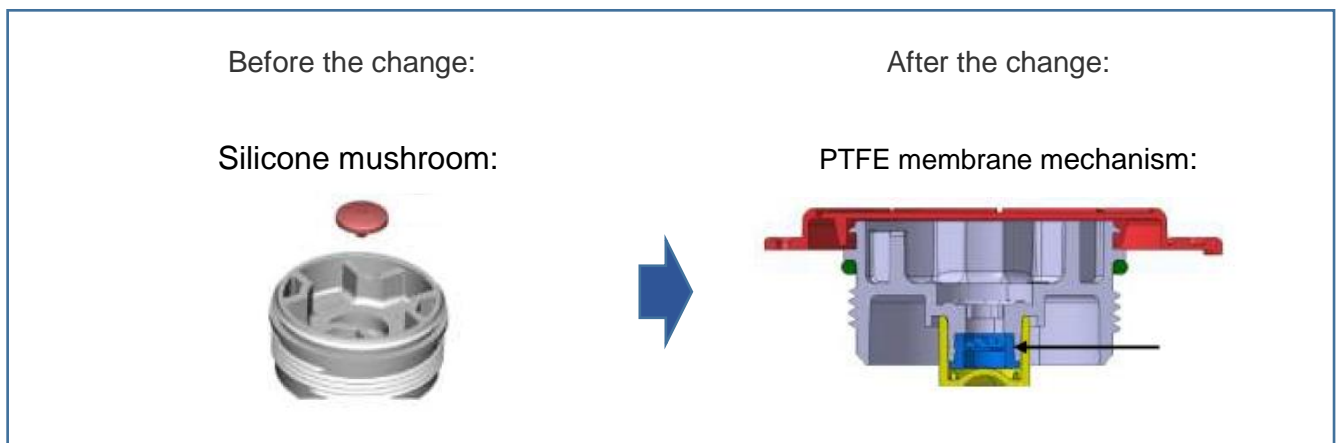
It has excellent chemical resistance within the wide range of all chemicals that are allowed to be transported in our IBCs. The press part PTFE membrane mechanism has an airflow of both aeration and deaeration of >30l/h at 25mbar and is part of our BAM approvals. Handling is the same as for the former mushroom ventilation mechanism. In comparison, it is advantageous because input pressure of  $\geq 0.2$ bar is needed for water to get through. This can prevent the loss of product if the IBC is dropped on its side. In addition, air is only exchanged with a certain response pressure.

※PTFE: polytetrafluoroethylene

### Time of changes :

This will be changed sequentially from January 2021.

\* Please note that the timing of the change may vary depending on the inventory status of the current product.



### 3. Additional lateral level scale

#### Overview Description:

Add graduations to the side of the inner bottle to improve visibility of the capacity confirmation.

#### Time of changes :

This will be changed sequentially from January 2021.

\* Please note that the timing of the change may vary depending on the inventory status of the current product.

