GORE® Packaging Vents
For Biostimulants &
Organic Fertilizers

PREVENT LEAKS AND DEFORMATIONS AND ENHANCE CONTAINER SAFETY

For Biostimulants & Organic Fertilizers

Biostimulants and organic fertilizer formulations need packaging that breathes without leaking, to equalize pressure imbalances that would otherwise deform the container and cause dangerous spills or costly returns. GORE® Packaging Vents minimize these risks with a breathable barrier membrane that reliably maintains container integrity — and consistently passes DOT and ADR requirements.

Plug-In Vents

- **D38/D17:** One of our most robust, reliable vents for biostimulants and organic fertilizers packaging. Optimized for ADR Drop Test Specifications.

Benefits of Plug-In Vents:

- Meet the demanding needs of nearly all biostimulants and organic fertilizers.
- D38/D17 consistently demonstrate compliance with ADR test standards in varied container systems.
- Easy to integrate via snap-fit or press-fit.

Liners

- **Foam Liners:** Serie with full-surface membranes, for all flat-cap designs. Easy drop-in replacements for all single-point or unvented liners.
- **Pulp Induction Liners:** Weldable installation ensures tamper-evidence; membrane construction provides needed breathability for off-gassing liquids.

Benefits of Liners:

- Developed specifically for biostimulants and organic fertilizers.
- Easy to integrate without re-design of cap.
- All liners are available in single- and multi-up roll goods as well as in various widths.

Together, improving life

Plug-In Vents

Typical Application	**IBCs/Drums**	**Jerry Cans/Bottles**
Packaging Size	60–1500 liters	1–60 liters
Product Series	**D38**	**D17**
	High Airflow Series	High Airflow Series
Packaging Content/Application	Biostimulants, Organic Fertilizers	Biostimulants, Organic Fertilizers
		
Order Numbers ...		
... for Press-Fit Integration	CMF300277	CMF300280
... for Snap-Fit Integration	CMF300279	CMF300281

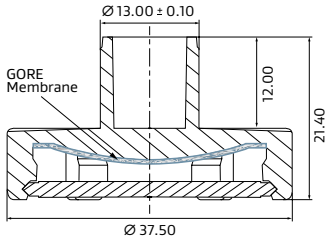
Product Performance Characteristics		
Typical Airflow at dp = 12 mbar[1]	137 l/h	15 l/h
Water Entry Pressure (WEP)	> 0.3 bar	> 0.3 bar
Drop Test Optimized	Yes	Yes
Traceability	Yes: Individually laser-marked	Yes: Individually laser-marked
Membrane Type	SG5	SG5
Laminate: membrane backing material	ePTFE PE/PP	ePTFE PE/PP
Vent Housing: material	HDPE	HDPE
Vent Housing: color	White	Natural

Vent Design and Dimensions

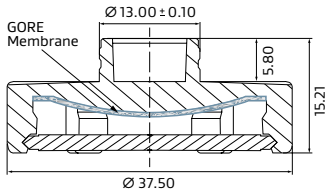
Units are in mm

Dimensions without tolerances

Press-Fit Integration:



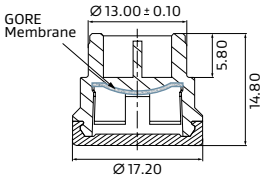
Snap-Fit Integration:



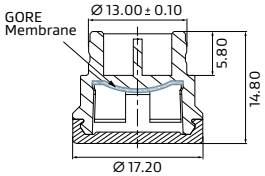
Scale of 1:1

Liquid side

Press-Fit Integration:



Snap-Fit Integration:



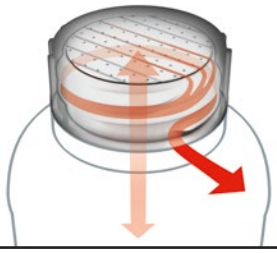
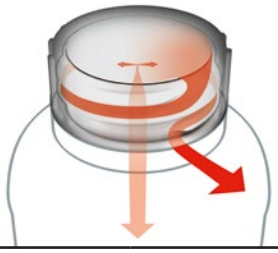
Scale of 1:1

Liquid side

1 Values are based on measurements without liquid contact. More detailed information can be found in our White Papers.

Liners

Typical Application	**Jerry Cans/Bottles**	**Jerry Cans/Bottles**	
Packaging Content	Biostimulants, Organic Fertilizers	Biostimulants, Organic Fertilizers	
			
Product Family	**Foam Liner**	**Pulp Induction Liner**	
Product Series	High Roll-Off Series	High Flow Series	
Order Numbers	CM700363G	CM8CB017LH	CM8CA017LB

Product Performance Characteristics			
Typical Airflow at dp = 12 mbar [1]	0.4 l/h/cm²	6.7 l/h	1.8 l/h
Water Entry Pressure (WEP)	> 2.7 bar	> 0.3 bar	
Drop Test Optimized [2]	Yes	No	
Traceability	On lot level	On lot level	
Membrane | Liner Construction	ePTFE | PE foam	ePTFE | PE + aluminium + PET + wax + pulp	
Thickness	1.1 mm	1.0 mm	
Active Venting Area	the whole liner surface is breathable	7.0 mm	4.0 mm
Venting Method	cap thread venting (venting through hole in cap also possible)	cap thread venting (venting through hole in cap also possible)	
			

1 This value is based on an optimum closure bottle design in combination with a typical closure torque.
2 Drop Test: compliant with European ADR standard 6.1

All liners are available in single- and multi-up roll goods as well as in various widths. Cut parts can also be offered.

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