



Packaging Vents

D38 MOLDED COMPONENTS

D38 Molded Components for containers over 60 l

HOW DO GORE® PACKAGING VENTS WORK?

GORE® Packaging Vents offer the ideal combination of liquid resistance and airflow through the use of expanded polytetrafluoroethylene (ePTFE). The material's microporous nature allows airflow and equalizes pressure, even after contact with high viscosity or low surface tension liquids.

DESCRIPTION

The D38 consists of a white polyethylene plastic housing with protective cap for splash protection and a 100% ePTFE membrane that can be engineered with a variety of different properties to meet the needs of the specific application.

TYPICAL APPLICATIONS

Venting of containers with:

- Bleach
- Peracetic acid and peroxide based formulations as well as liquids containing organic solvents and surfactants
- Fertilizers



REALIZE THE BENEFITS

- **Equalize pressure** and prevent containers from bursting, collapsing or leaking
- **Prevent liquid penetration** to avoid contamination and maintain product quality
- **Continue to vent** even after exposure to liquids containing organics, surfactants, oils and solvent based liquids
- **Oleophobic, hydrophobic, chemically inert** ePTFE GORE™ Membrane is ideal for a variety of applications

D38 Molded Components			
Laminate/Membrane	CVL SB2	CVL SC5	CVL SE0
Plastic material	Polyethylene natural (HDPE)		
Backing	PP	PE/PP	N/A
Water entry pressure	> 0.6 bar	> 0.6 bar	> 0.5 bar
Typical airflow at $\Delta p = 12$ mbar	22.5 l/h	27.0 l/h	9.0 l/h
Part number	CMF300136	CMF300207	CMF300147



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INSTALLATION

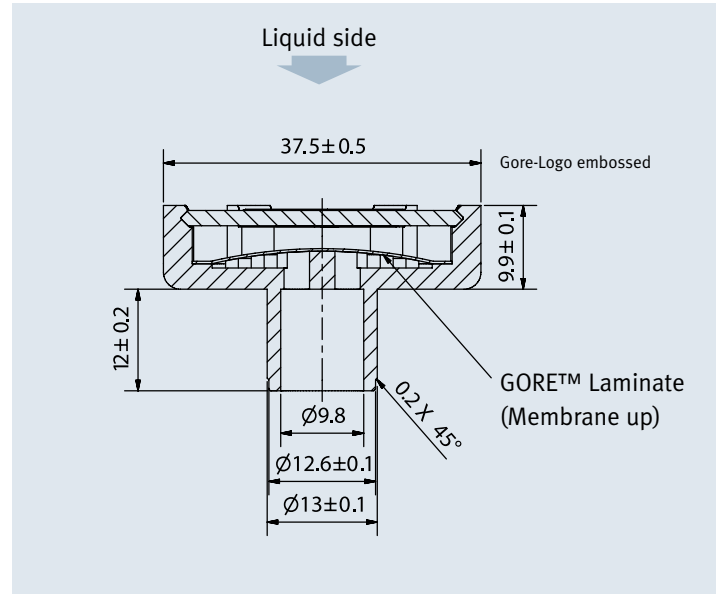
See installation guidelines for more information.

Samples of GORE® Molded Components are available for immediate shipment, to assist you in testing their suitability for your specific application.

Contact a Gore representative for assistance in determining the best GORE® Packaging Vent for your application, or for help in validating your packaging design and providing an Application Testing Sheet.

When choosing GORE® Molded Components for venting purposes of hazardous goods please consider the following regulations and agreements:

- UN Recommendations on the Transport of Dangerous Goods – Model Regulations Part 4; Chapter 4.1.1.8
- European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR) ADR Part 4; Chapter 4.1.1.8
- US Hazardous Materials Regulations HMR; Title 49 CFR, 173.24 (g), (1), (2), (3), (4), (5)



Laminate/Membrane	CVL SB2	CVL SC5	CVL SE0
For water-based liquids	✓	✓	✓
For liquids containing surfactants, oils, organics and solvents	✓	✓	✓
Drop-test optimized	✓	✓+	✓
For liquids with very low surface tension			✓

INTERNATIONAL CONTACTS

Australia	61.2.9473.6800	Mexico	52.81.8288.1281
Benelux	49.89.4612.2211	Scandinavia	46.31.706.7800
China	86.21.5172.8299	Singapore	65.6733.2882
France	33.1.5695.6565	South America	55.11.5502.7800
Germany	49.89.4612.2211	Spain	34.93.480.6900
India	91.22.6768.7000	Taiwan	886.2.8771.7799
Italy	39.045.6209.240	United Kingdom	44.1506.460123
Japan	81.3.6746.2572	USA	1.410.392.4440
Korea	82.2.393.3411		

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