



Packaging Vents

D6 MOLDED COMPONENTS

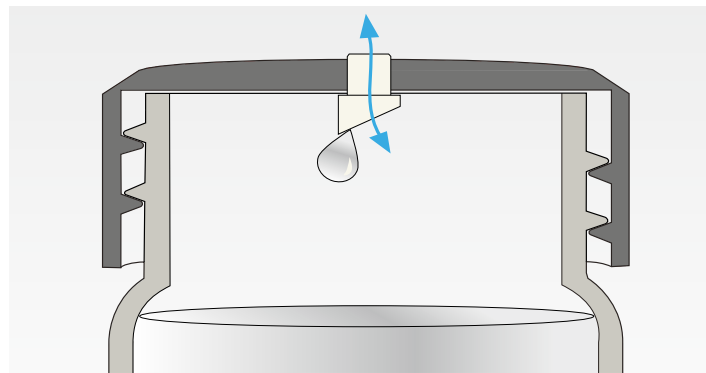
D6 Molded Components for Containers from 0.2 – 2.0 l

HOW DO GORE® PACKAGING VENTS WORK?

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

DESCRIPTION

Unique plastic molded component is engineered with durable ePTFE membrane and is designed to easily press fit into a wide variety of packaging systems. Unlike other horizontal vents which allow challenging fluids to block airflow, the D6 design has an angled membrane allowing the force of gravity to pull liquid away. In addition, the membrane is flush mounted to avoid the trapping of liquid in tight corners.



This particular design is optimized to allow airflow through the membrane after contact with very high viscosity liquids.

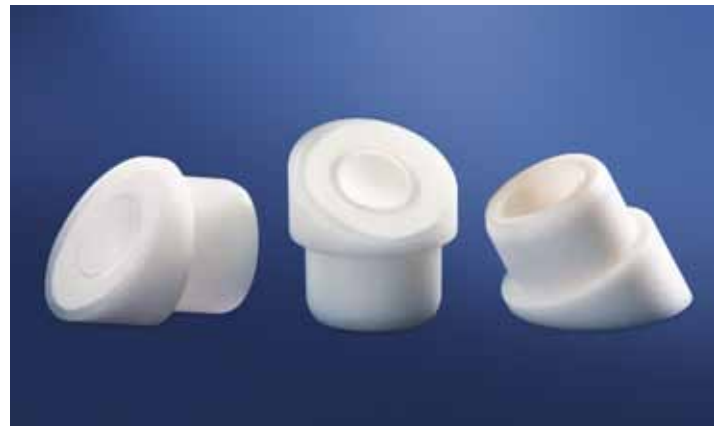
TYPICAL APPLICATIONS

GORE® D6 Molded Components are often used to:

- Prevent container distortion and/or
- Reduce container wall thickness

Typical applications include:

- Laundry detergents
- Household cleaners and disinfectants
- Household pesticides and fertilizers
- Household chemicals
- Bleaches
- Peroxide based formulations



REALIZE THE BENEFITS OF GORE® D6 MOLDED COMPONENTS:

- **Equalize pressure** to prevent containers from bloating or collapsing without leaking
- **Enable the use of thin-walled, light-weight packaging**
- **Excellent resistance** to penetration of low surface tension liquids
- **Optimal design for applications requiring airflow** after contact with high viscosity liquids – liquid “rolls off”
 - Angled membrane surface
 - Flush mounted membrane
- **Compact size** fits into small containers, caps and dispensing devices
- **Ideal for high-speed, automated, friction-fit assembly**

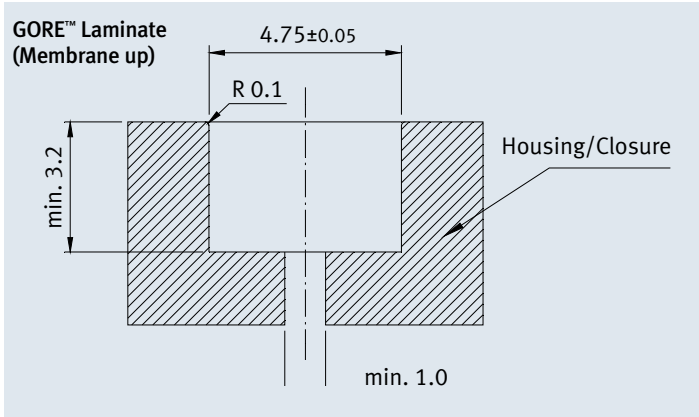
D6 Molded Components	
Membrane	Oleophobic ePTFE
Plastic Material	Polypropylene (PP)
Water Entry Pressure	> 0.34 bar
Typical airflow at $\Delta p = 12$ mbar	0.42 l/hr
Part Number	CMF300261



Packaging Vents

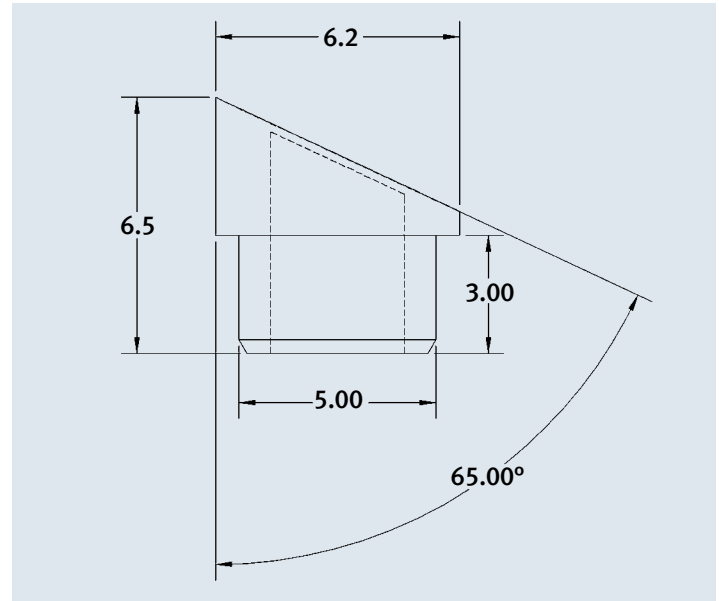
D6 MOLDED COMPONENTS

INSTALLATION



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

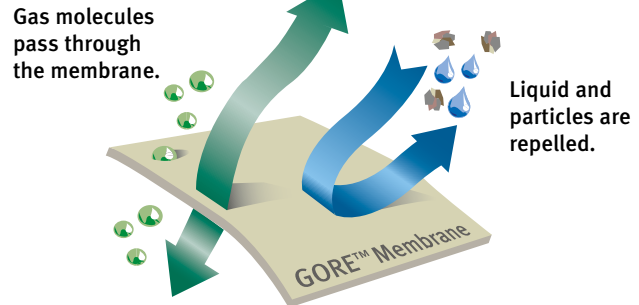
D6 MOLDED COMPONENT



THE SCIENCE BEHIND THE SOLUTION

GORE® Packaging Vents offer an ideal combination of liquid resistance and airflow through the use of expanded polytetrafluoroethylene (ePTFE). They prevent liquid penetration, while allowing airflow and equalizing pressure, even after contact with low surface-tension liquids such as surfactants and solvents. When splashed by a viscous liquid, the membrane quickly recovers its venting capability.

For assistance in determining the best GORE® Packaging Vent for your application, or for help in validating your packaging design contact a Gore sales associate.



GORE® PACKAGING VENTS BREATHE WHILE REPELLING LIQUID AND PARTICLES.



REG. No. 288491
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is certified according to
DIN ISO 9001:2000

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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
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