



Automotive Vents

SERIES: AVS 47, 48, 49, 50, 51, 52

Letting your component breathe more easily

DESCRIPTION

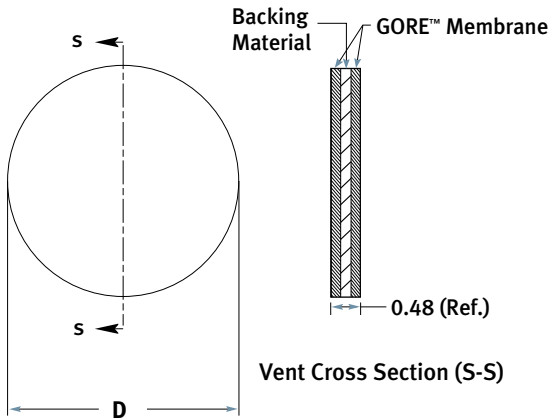
- White circular cut part vent for welding installation
- ePTFE membrane on both sides of a polyester inner material
- Designed for bowl feeding
- Membrane type: LM10XX

PHYSICAL PROPERTIES

Membrane Characteristics
Operating Temperature
Water Entry Pressure*

Hydrophobic and Oleophobic
-40°C to 125°C
≥ 600 mbar (≥ 8.7 psi)
for 30 seconds

*Not assembled



REALIZE THE BENEFITS OF GORE® AUTOMOTIVE VENTS:

- Suitable for electronic control units, motors and sensors
- Dependable hydrophobic and oleophobic protection from water, oil, automotive fluids, washing products, dirt, dust and other contaminants
- Superior venting recovery after direct exposure to contaminants
- Lower overall product cost through reduced design and testing costs
- Backed by Gore's technical expertise

INSTALLATION

Please contact a Gore representative for housing recommendations and complete installation instructions.

SAMPLE SERIES	PRODUCTION SERIES	MINIMUM AIRFLOW*	DIAMETER (D)
AVS 47	AMP 300056-00057	≥ 16.3 L/h/cm ² @ 70 mbar (1 psi)	5.70 mm
AVS 48	AMP 300048-00075	≥ 16.3 L/h/cm ² @ 70 mbar (1 psi)	7.50 mm
AVS 49	AMP 300049-00080	≥ 16.3 L/h/cm ² @ 70 mbar (1 psi)	8.00 mm
AVS 50	AMP 300125-00100	≥ 16.3 L/h/cm ² @ 70 mbar (1 psi)	10.00 mm
AVS 51	AMP 300032-00117	≥ 16.3 L/h/cm ² @ 70 mbar (1 psi)	11.70 mm
AVS 52	AMP 300066-00140	≥ 16.3 L/h/cm ² @ 70 mbar (1 psi)	14.00 mm

*The above mentioned minimum airflow properties are only valid for the cut part vent before assembly.



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LETTING YOUR COMPONENT BREATHE MORE EASILY

Hydrophobic and oleophobic ePTFE membrane

Sheds liquid and returns to venting quickly following water spray or submersion

Resists blocking after contact with common automotive fluids

Dirt and dust filtration down to 0.07 µm

Protects against contamination from dirt, dust, salt and road debris

Air permeable membrane that equalizes pressure

Increases component reliability by reducing stress on housing seals

Thermally stable and chemically resistant system

Provides durability and reliable venting in automotive under-hood environments

Cut part configuration for versatility during installation

Easy to install through ultrasonic welding or heat sealing

Please note that product values are subject to change. Please contact a GORE® Automotive Vents associate today for the most up to date information and for assistance determining the best product for your specific application.



INTERNATIONAL CONTACTS

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France	33.1.5695.6565	Singapore	65.6733.2882
Germany	49.89.4612.2211	South America	55.11.5502.7800
India	91.22.6768.7000	Spain	34.93.480.6900
Italy	39.045.6209.240	Taiwan	886.2.8771.7799
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