



Automotive Vents

SERIES: AVS 9

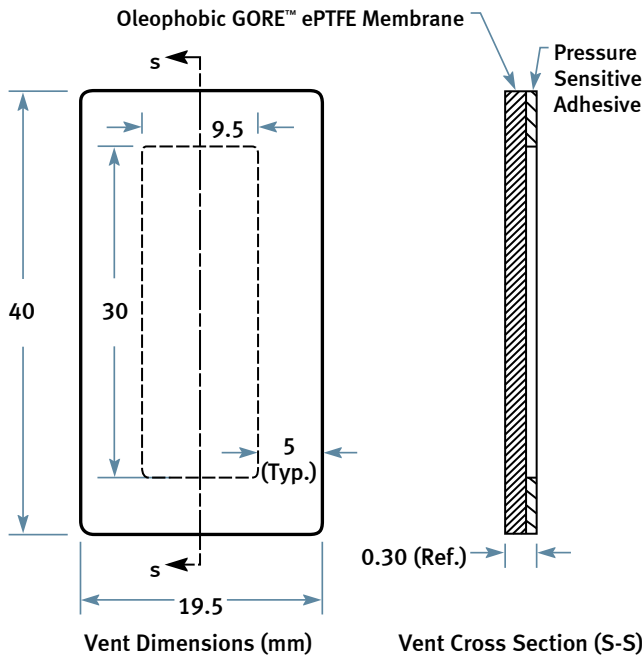
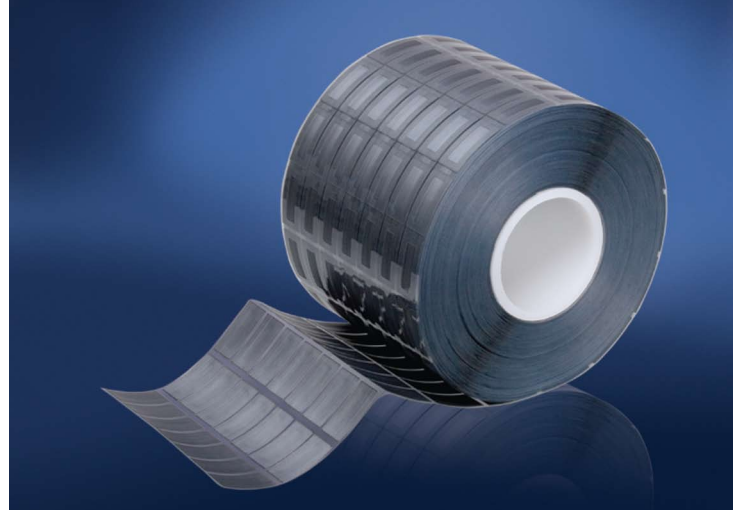
Pressure equalization and condensation reduction for peak performance

DESCRIPTION

- Grey rectangular vent with pressure-sensitive silicone adhesive
- All ePTFE membrane construction without backing material
- Delivered in manual or automated installation configurations
- Membrane type: AM2XX
- Adhesive type: AD103

PHYSICAL PROPERTIES

Membrane Characteristics	Hydrophobic and Oleophobic
Operating Temperature	-40°C to 125°C
Water Entry Pressure (assembly)	≥ 350 mbar (≥ 5 psi) for 60 seconds



REALIZE THE BENEFITS OF GORE® AUTOMOTIVE VENTS:

- **Suitable for headlamps** and other lighting applications
- **Superior condensation performance** through effective moisture vapor transmission and airflow
- **Dependable hydrophobic and oleophobic protection** from water, oil, automotive fluids, washing products, dirt, dust and other contaminants
- **Lower overall product cost** through reduced design, testing and warranty costs
- **Backed by Gore's technical expertise**

INSTALLATION

Surface of housing must be clean and free of oils. Please contact a Gore representative for housing recommendations and complete installation instructions.

SAMPLE SERIES	MANUAL INSTALLATION SERIES	AUTOMATED INSTALLATION SERIES	MINIMUM AIRFLOW	OUTER DIMENSIONS
AVS 9	VE0020GMC	VE2068	≥22.2 L/h @ 70 mbar (1 psi)	19.5 mm x 40.0 mm



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SERIES: AVS 9

PRESSURE EQUALIZATION AND CONDENSATION REDUCTION FOR PEAK PERFORMANCE

Hydrophobic and oleophobic 100% ePTFE membrane

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

Resists blocking after exposure to 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

Reduces stress on lamp seals to increase component reliability

Large moisture vapor permeable venting area

Reduces lamp condensation through moisture diffusion

Thermally stable and chemically resistant system

Provides durability and reliable venting in automotive lighting and under-hood environments

Aggressive and durable pressure sensitive adhesive

Easy to install

Proven reliable through hundreds of millions of vents in the field

Position independent, one-vent-per-housing design

Reduces design, testing and manufacturing time and costs

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.

W. L. Gore & Associates recommends that adhesive parts be stored in cool dry conditions (22°C/50%RH) and out of direct sunlight. Adhesive parts are most easily removed from the product carrier within one year of packaging date.



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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