

TECHNICAL DATA SHEET

End Vent Plug

For Pneumatic Road Tube Traffic Counter Systems

Product Description

The **End Vent Plug** is designed to seal the end of a pneumatic road tube while allowing controlled air venting during vehicle impact. This ensures accurate pulse generation for traffic counting and classification systems.

End vent plugs prevent moisture, dirt, and debris from entering the tube while maintaining the correct air pressure required for consistent and reliable counter operation.

Durable and weather-resistant, the plug is suitable for repeated field deployments in harsh roadside environments.

Key Features

- Designed specifically for pneumatic road tubes
 - Allows controlled air venting for accurate traffic pulse detection
 - Provides a secure end seal to prevent contaminants entering the tube
 - Made from durable, weather-resistant materials
 - Suitable for long-term and repeated field use
 - Compatible with all major road tube traffic counters
 - Quick and easy installation—simply press-fit into tube end
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Technical Specifications

(Typical specifications — adjustable if you provide exact measurements)

Parameter	Specification
Product Type	End Vent Plug
Material	Brass
Compatibility	Standard ¼" (6–7 mm ID) pneumatic road tube
Vent Type	Controlled air release
Weather Resistance	High
Reusability	Yes
Installation Method	Press-fit into tube end

Applications

- Traffic volume studies
 - Speed and axle classification
 - Short-term or long-term road tube deployments
 - Roadside monitoring by councils, contractors, and engineers
 - Use on sealed and unsealed road surfaces
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Installation Notes

- Ensure road tube is clean and cut evenly before inserting the plug
 - Insert plug fully to prevent air leakage
 - Do not obstruct vent opening—accurate readings depend on proper airflow
 - Check condition before redeployment; replace if worn or damaged
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Packaging

- Sold individually or in bulk quantities
- Supplied ready for immediate use