

TECHNICAL DATA SHEET

Standard 5.5/13mm Pneumatic Road Tube – 30m roll

1. Description

Our Standard Pneumatic 30m Road Tube is designed for temporary or permanent traffic monitoring applications. Made from durable rubber, it provides reliable vehicle detection by transmitting air pulses to a connected counter when vehicles pass over the tube.

2. Features

- **Durable Material:** High-strength rubber resists wear and punctures.
- **Flexible and Lightweight:** Easy to deploy and remove.
- **Accurate Vehicle Detection:** Ensures precise counting across all lanes.
- **Weather Resistant:** Performs reliably in extreme temperatures and various weather conditions.
- **Reusable:** Can be repositioned multiple times without compromising performance.

3. Technical Specifications

Parameter	Specification
Material	High-Quality Rubber (EPDM or equivalent)
Outer Diameter	13mm (depending on model)
Inner Diameter	5.5 mm
Tube Length	30m Roll
Pressure Rating	0.3–0.6 bar (nominal)
Operating Temperature	-30°C to 70°C
Color	Black
Connector Type	Standard pneumatic fitting compatible with most counters

4. Installation Instructions

1. Position the tube perpendicular to traffic flow.
 2. Secure each end of the tube to the roadway using road tube clamps or anchors.
 3. Connect the tube to the pneumatic counter using the appropriate fitting.
 4. Test the system to ensure proper pulse transmission.
 5. Periodically check tube positioning and wear for accurate data collection.
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5. Applications

- Traffic volume studies
 - Vehicle classification and speed monitoring
 - Temporary traffic surveys
 - Road safety and planning studies
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6. Packaging & Storage

- Supplied coiled in lengths of 30 m rolls or in 15m lengths for Single Road tube kits.
- Store in a dry, cool area away from direct sunlight.
- Avoid sharp objects during storage to prevent punctures.