

Product Technical and Safety Specifications

POLnet Endotracheal tube with cuff

1. Product and Material Identification

- **Name:** Endotracheal Tube (ETT) with cuff.
- **Supplier information:** POLnet Sp. z o.o. I Wspólnicy Sp. Komandytowa
Ul. Sowia 13B
62-080 Tarnowo Podgórne, Poland
- **Material:** Thermoelastic PVC (polyvinyl chloride)
- **Material Safety:** Latex-free and DEHP-free, minimizing the risk of allergic reactions and toxicity.

2. Design and Main Components

- Sealing cuff (balloon): protects the airway from aspiration and ensures ventilation tightness.
- Control balloon (pilot): Allows for visual and tactile assessment of the internal cuff's inflation status; equipped with a needle-free valve (Luer).
- Radiopaque line: A non-opaque line running the entire length of the tube, allowing verification of the tube's correct position on an X-ray image.
- Murphy's eye: An additional side opening at the distal end, providing an alternative air flow path in case of obstruction of the main lumen of the tube.

3. Safety and Storage Conditions:

- Single-use product: Reuse or sterilization poses a risk of cross-contamination and damage to the material structure (e.g., cuff rupture).
- Sterility: The product is supplied sterile (sterilized with ethylene oxide - EO).
- Do not use if the primary packaging is damaged.
- Pressure Control: The pressure in the cuff should be regularly monitored using a pressure gauge (the optimal range is typically 20–30 cm H_2O) to avoid ischemia and necrosis.

3.1. Storage conditions:

- Store in a dry, clean, and cool place.
- Protect from direct sunlight and UV radiation (UV rays accelerate the aging of PVC).
- Store at room temperature (typically 5°C – 30°C, depending on the manufacturer's guidelines).

Sizes:

REF	PRODUCT
272082P	POLnet Endotracheal PVC tube with cuff 3,0 mm
272083P	POLnet Endotracheal PVC tube with cuff 3,5 mm
272084P	POLnet Endotracheal PVC tube with cuff 4,0 mm
272085P	POLnet Endotracheal PVC tube with cuff 4,5 mm
272086P	POLnet Endotracheal PVC tube with cuff 5,0 mm
272087P	POLnet Endotracheal PVC tube with cuff 5,5 mm
272088P	POLnet Endotracheal PVC tube with cuff 6,5 mm
272089P	POLnet Endotracheal PVC tube with cuff 7,0 mm
272090P	POLnet Endotracheal PVC tube with cuff 7,5 mm
272091P	POLnet Endotracheal PVC tube with cuff 8,0 mm
272092P	POLnet Endotracheal PVC tube with cuff 8,5 mm
272093P	POLnet Endotracheal PVC tube with cuff 9,0 mm
272098P	POLnet Endotracheal PVC tube with cuff 6,0 mm