



The Kerala State Homeopathic Cooperative Pharmacy
(HOMCO)

SPECIFICATION

PLASTIC LAMINATED TUBE 10GM-OINTMENT

Plastic Laminated Tube (PBL) – 10 g

- Application: Packaging of pharmaceutical ointments / creams / gels
- Nominal Fill Volume: 10 g
- Tube shall be made of pharma-grade plastic laminated material (PBL) , non toxic, nonreactive, suitable for pharmaceutical use.

2. Tube Dimensions

- Tube Diameter: 1.6 cm (16 mm)
- Tube Height (up to shoulder): 9.0 cm
- Tube Height (without cap): 9.6 cm \pm 1%
- Orifice Diameter: 3 – 5 mm

3. Weight Specifications

- Tube Weight (without cap): 1.25 g \pm 2%
- Tube Weight (with cap): 1.5 g \pm 2%

4. Tube Design

- Shape: Round
- Standard shoulder with narrow neck
- Smooth inner surface suitable for ointment filling
- Provision for tamper-evident seal (foil seal layer membrane)

5. Closure (cap specification)

- Type: Screw cap
- Material: PP / HDPE (pharma grade)
- Cap shall be:
 - Compatible with tube neck
 - Leak-proof and secure

- Special Requirement:
 - Outer cap shall have 6 mm depth for machine holding/gripping

6. Other Requirements.

- Tube shall:
 - Allow smooth extrusion of product
 - Maintain shape after dispensing
 - Be compatible with filling and sealing machine
- Tubes shall be:
 - Free from cracks, pinholes, and deformities
 - Free from contamination, dust, and foreign particles
- Must pass:
 - Leak test
 - Visual inspection
 - Dimensional verification
 - Weight verification

7. Packaging

- Tubes shall be packed in:
 - Clean polyethylene bags
 - Corrugated boxes
- Packing shall ensure:
 - Protection from dust and damage
 - Ease of handling

8. Tolerance

- Dimensions: $\pm 1\%$ unless specified
- Weight: $\pm 2\%$

With printing in accordance with our artworks.

Sample to be provided for approval before sending full consignment.

