



The Kerala State Homeopathic Cooperative Pharmacy
(HOMCO)

SPECIFICATION

PVC FILM-PHARMACEUTICAL GRADE

Product: PVC Rigid Film – Pharmaceutical Grade

Colour: Clear, Transparent (Standard)

Dimensional Specifications

- **Width:** 184 mm
- **Thickness:** 0.25 mm \pm 2% (250 microns)
- **GSM:** 330 – 340 g/m²
- **Density:** 1.30 – 1.45 g/cm³

Optical Properties

- High clarity and transparency
- Free from haze, black specks, gels, and surface defects

Processing Properties

- **Forming Temperature:** 140°C – 180°C
- Suitable for thermoforming blister packs
- Compatible with aluminum blister foil sealing

Quality Requirements

- Smooth, glossy surface finish
- Uniform thickness across the width
- should be free from wrinkles, edge cracks, and telescoping
- thermoforming performance without cracking or whitening

Regulatory Compliance

Material must comply with:

- United States Pharmacopeia (USP <661>)
- European Pharmacopoeia
- US Food and Drug Administration 21 CFR

Noted
17.4.26
Dr. Venitha

Analytical Chemist



17/4/26