



Quality Control & Testing Guidelines

Sambhv LLIN products are manufactured in accordance with ISO certified quality assurance system. This system ensures that all raw materials, work in process, and finished goods meet our industry-leading quality standards. Our quality assurance system includes standard quality control procedures, physical testing, and chemical analysis for each of the following areas:

- Incoming raw materials (analytical testing)
- Masterbatch production (analytical testing)
- Yarn production (physical and analytical testing)
- Fabrication (physical and analytical testing)
- Finishing (physical and analytical testing)
- Cutting and sewing (physical testing)
- Finished goods (physical and analytical testing)

- Fabric Weight: The weight in Grams per square meter (GSM) of the fabric is being checked regularly using a GSM cutter and balances, to maintain the required GSM in the mosquito net fabric.
- Net Dimensions: The dimensions of the LLIN nets are checked daily so that any deviation in size will be found, and corrected.
- Active Ingredient: The presence of the active ingredient – alphacypermethrin is checked by chemical analysis. Each batch of Fabric will be taken to the sewing production unit only if it passes the Chemical analysis testing. This guarantees our LLIN will always meet the required specification for alphacypermethrin which is 5.8 gm/kg +/- 25%.
- Fabric Strength: The bursting strength is tested on a daily basis with specialized equipment.
- Internal Quality Control Team: Our Internal Quality control audit team is continually monitoring all the above parameters to meet all of the specifications.
- SLPL has CRISIL and ISO certifications.