

PURETEX Facemask w/ PU Head Loop

Non-Sterile - ISO Class 4+ Cleanrooms

LYNBOND



PureTeX

ISO CLASS 4

HIGH FILTRATION - BFE / PFE

LATEX-FREE

About

The PURETEX facemask provides high particle and bacterial filtration efficiency. Constructed using ES (Ethylene) material for the inner and outer layer with a melt blown Polypropylene filter. Manufactured in a ISO Class 5 facility. PURETEX masks provide process protection from contamination with good levels of comfort, breathability and particle filtration. The facemask is ultra sonically bonded for strength and cleanliness and the nose piece enclosed is made from a plastic coated wire which is easily adjusted for comfort.

Specification

- Suitable for use in an ISO 4+ Cleanroom environments
- Non-sterile
- Available in three sizes
- Inner and Outer Material: Ethylene
- Filter Material: Meltblown Polypropylene
- Polyurethane (PU) Head loop
- Plastic coated steel Nose band
- Ultra Sonically sealed edges
- Cleanroom Double Bagged (Easy Peel)
- Latex, Silicone & Solvent free

Application

- Suitable for Semiconductor manufacturing and microelectronics.
- Laboratories and Controlled Environments



Rev.22.08

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CONSTRUCTION

| DESCRIPTION | MATERIAL |
|-------------|--------------------------|
| INNER LAYER | Ethylene - Propylene |
| FILTER | Melt blown Polypropylene |
| OUTER LAYER | Ethylene - Propylene |
| HEAD LOOP | PU - (Polyurethane) |
| NOSE WIRE | Plastic coated nose wire |
| SIZE (mm) | 180x90 / 210x90 / 230x90 |
| WEIGHT | 3grams / Each |
| COLOUR | White |



FILTRATION

| INFORMATION | Results | Test Method |
|-------------------------------------------|-----------------------------------------|-----------------------------------------|
| Bacterial Filtration Efficiency (%) 3.0µm | 99.00% | ASTM F2101 |
| Particle Filtration Efficiency (>0.1µm) | 99.10% | ASTM F2299 |
| Breathability Test (Delta-P) | 3.73 mmH ₂ O/cm ² | EN 14683:2019 (Annex C) / ASTM F2100:19 |
| Airborne Particle Count (>0.5µm) | 70 counts / Pc (210mm facemask) | IEST-RP-CC003.4 |

Note: Data shown are typical values and should not be used as specifications.

ORDERING INFORMATION

| PRODUCT CODE | C4M-3PU-HL-18 | C4M-3PU-HL-21 | C4M-3PU-HL-23 |
|--------------|-------------------|-------------------|-------------------|
| SIZE (mm) | 180 x 90 | 210 x 90 | 230 x 90 |
| PACKAGING | Bulk Packed | Bulk Packed | Bulk Packed |
| MASKS / PACK | 50 Masks / Pack | 50 Masks / Pack | 50 Masks / Pack |
| PACKS / CTN | 20 Packs / Carton | 20 Packs / Carton | 20 Packs / Carton |

INVENTORY MANAGEMENT

| STORAGE INSTRUCTIONS | Store in cool dry place (below 40°C) away from direct sunlight, fluorescent light and heat |
|----------------------|--------------------------------------------------------------------------------------------|
|----------------------|--------------------------------------------------------------------------------------------|

QUALITY MANAGEMENT SYSTEM

FACILITY HOLDING

ISO 13485:2016

ISO 9001:2016

TARIFF DETAILS

| COUNTRY OF ORIGIN | MALAYSIA |
|-------------------|------------|
| H/S CODE | 6307909899 |

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