



PRODUCT INFORMATION



1. Product specification

| Product Number | Product Description | Surface | Material | Classification |
|----------------|--|----------|-------------------|----------------|
| NT50 | Nitrile Powder Free Examination Gloves 5.0 g +/- 0.2 | Textured | Synthetic Nitrile | Medical |

| Width and Length | Size | Total Length (mm.) | Width (mm.) | Weight (gm.) |
|--|---------|--------------------|-------------|--------------|
| Reference Standard ASTM D6319 (S2/AQL 4.0) | Medium | Min 230 | 95 ± 10 mm | 5.0 ± 0.2 |
| | Large | Min 230 | 110 ± 10 mm | 5.4 ± 0.2 |
| | X-Large | Min 230 | 120 ± 10 mm | 5.8 ± 0.2 |

| Thickness (single Wall) | Location of Thickness Measurement | Single Wall Thickness (mm) |
|---|-----------------------------------|----------------------------|
| Reference Standard ASTM D6319 (S2/AQL 4.0) | Finger (13 mm from the tip) | 0.11 +/- 0.02 mm |
| | Palm (center of the palm) | 0.08 +/- 0.02 mm |
| | Cuff (25 mm from the bead) | 0.06 +/- 0.01 mm |

| Physical Properties | Characteristics | Before Ageing | After Ageing 7 day @ 70°C ± 2 hours |
|---------------------------|-------------------------|---------------|-------------------------------------|
| EN455 part 2 (S2/AQL 4.0) | Force at break (N) | Min 7 | Min 6 |
| ASTM D6319 (S2/AQL 4.0) | Tensile Strength (MPa) | Min 14 | Min 14 |
| | Elongation at Break (%) | Min 500 | Min 400 |

| Characteristics | Inspection Level & Sampling Plan | AQL & Acceptance Limit |
|--|----------------------------------|----------------------------|
| Pinhole (water tight test) | G-1 | AQL 2.5 |
| Major Defects | G-1 | AQL 2.5 |
| Physical Properties Related Non-Conformities | S-2 | AQL 4.0 |
| Physical Dimension | 13 Pcs | AQL 4.0 |
| Surface Residual Extractable (Powder) | As per ASTM D6124 Test Method | Max 2mg/dm ² |
| Water Extractable Protein | As per ASTM D5712 Test Method | Below 50mg/dm ² |

2. Sectors of Use:

- Dentistry and dental application
- Hospital, Laboratory, Clean Room
- Cosmetic Industry
- Health Care