



# Sterile Nitrile Gloves

## NG033-S

White • 330 mm length • Gamma sterilized



|            |                                                                                    |
|------------|------------------------------------------------------------------------------------|
| Material:  | Nitrile polymer; Accelerator free, powder-free                                     |
| Design:    | Hand-specific, rolled edge, textured palm and fingers                              |
| Size:      | 5.5 – 10.0                                                                         |
| Colour:    | White                                                                              |
| Strength:  | Fingertip $0.16 \pm 0.02$ mm<br>Palm $0.14 \pm 0.02$ mm<br>Cuff $0.09 \pm 0.02$ mm |
| Length:    | $330 \pm 10$ mm                                                                    |
| Particles: | $<1200$ per $\text{cm}^2 > 0.5 \mu\text{m}$                                        |

CE 0598

PPE CATEGORY III

EN ISO  
374-5:2016



VIRUS

EN ISO  
374-1:2016 / TYPE C



STERILE R

0.65 AQL

| Item number<br>Size           | 330600<br>5.5 | 330601<br>6.0 | 330602<br>6.5 | 330603<br>7.0 | 330604<br>7.5 | 330605<br>8.0 | 330606<br>8.5 | 330607<br>9.0 | 330608<br>10.0 |
|-------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|
| Total length<br>(± 10 mm)     | 330 mm        | 330 mm        | 330 mm        | 330 mm        | 330 mm        | 330 mm        | 330 mm        | 330 mm        | 330 mm         |
| Width Palm<br>(± 3 mm)        | 73 mm         | 81 mm         | 88 mm         | 91 mm         | 100 mm        | 106 mm        | 115 mm        | 118 mm        | 130 mm         |
| Weight per piece<br>(± 0.5 g) | 6.1 g         | 7.0 g         | 7.3 g         | 8.6 g         | 9.0 g         | 9.8 g         | 10.6 g        | 11.0 g        | 12.2 g         |

| Residue              |  |  |  |  |                                  |  |  |  |  |
|----------------------|--|--|--|--|----------------------------------|--|--|--|--|
| Non-volatile residue |  |  |  |  | Silicon oil                      |  |  |  |  |
| < 10 µg/cm²          |  |  |  |  | no silicon oil according to FTIR |  |  |  |  |

| Chemical properties                      |  |  |  |  |                                         |  |  |  |  |
|------------------------------------------|--|--|--|--|-----------------------------------------|--|--|--|--|
| Protein content according to ASTM D 5712 |  |  |  |  | Powder content according to ASTM D 6124 |  |  |  |  |
| n.d.                                     |  |  |  |  | max. 2 mg/Glove                         |  |  |  |  |

| Physical properties    |  |                               |  |  |                        |  |                               |  |  |
|------------------------|--|-------------------------------|--|--|------------------------|--|-------------------------------|--|--|
| Before Ageing          |  |                               |  |  | After Ageing           |  |                               |  |  |
| Tensile strength [MPa] |  | Elongation [%]                |  |  | Tensile strength [MPa] |  | Elongation [%]                |  |  |
| ASTM D 3577            |  | > 17                          |  |  | > 12                   |  | > 490                         |  |  |
| EN 455-2               |  | Force at break: min. 9 Newton |  |  |                        |  | Force at break: min. 6 Newton |  |  |

| Ion content    |                      |                 |                              |                 |                              |                               |                               |                       |                              |                |                  |                  |                  |
|----------------|----------------------|-----------------|------------------------------|-----------------|------------------------------|-------------------------------|-------------------------------|-----------------------|------------------------------|----------------|------------------|------------------|------------------|
| Particle count | max. Anions [µg/cm²] |                 |                              |                 |                              |                               |                               | max. Kations [µg/cm²] |                              |                |                  |                  |                  |
| Count/cm²      | F <sup>-</sup>       | Cl <sup>-</sup> | NO <sub>2</sub> <sup>-</sup> | Br <sup>-</sup> | NO <sub>3</sub> <sup>-</sup> | PO <sub>4</sub> <sup>3-</sup> | SO <sub>4</sub> <sup>2-</sup> | Na <sup>+</sup>       | NH <sub>4</sub> <sup>+</sup> | K <sup>+</sup> | Mg <sup>+2</sup> | Ca <sup>2+</sup> | Zn <sup>2+</sup> |
| < 1200         | < 0.01               | < 0.20          | < 0.10                       | < 0.05          | <0.20                        | < 0.05                        | < 0.05                        | < 0.05                | < 0.10                       | < 0.05         | < 0.01           | < 0.50           | < 0.04           |

| Quality standard                     |                  |           |                     |             |                           |                           |
|--------------------------------------|------------------|-----------|---------------------|-------------|---------------------------|---------------------------|
| Random sampling<br>based on ISO 2859 | Property         | Dimension | Physical Properties | Water tight | Optical defect<br>(major) | Optical defect<br>(minor) |
|                                      | Inspection Level | S – 2     | S – 2               | G 1         | G 1                       | G 1                       |
|                                      | AQL              | 4.0       | 4.0                 | 0.65        | 1.5                       | 1.5                       |

Packaging: bag with “Easy-Tear-opening”  
1 pair per PE bag  
20 PE bags per welded (double) polybag  
10 polybags per double-walled carton  
200 pairs per box