



## Nitrile Gloves, Powder-Free Coloured

### *Classic* Nitrile Glove, Powder-Free, Green, Pink and Purple



#### **Description**

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Examination gloves Nitrile (Nitrile Butadiene Rubber)  
Powder-Free  
Non-sterile  
Micro-textured fingertips  
With rolled cuff  
Suitable for food handling  
Produced for Abena A/S, Denmark, in Malaysia under ISO 9001, ISO 13485 and ISO 14001

#### **CE**

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Dual CE-labelled according to Medical Device regulation (EU) 2017/745 and PPE Regulation (EU) 2016/425, Type B certification  
Class I and CAT III  
AQL 1.5 according to the requirements in the harmonised standard EN 455-1

#### **Standards**

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EN 455-1, 2, 3 & 4  
EN 374-1:2016  
EN 374-2:2015  
EN 16523:2015  
EN 374-4:2013  
EN 374-5:2016 VIRUS  
EN 420:2003 + A1:2009

#### **Thickness**

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|         |                    |
|---------|--------------------|
| Palm    | 0.08 mm (+/- 0.02) |
| Fingers | 0.09 mm (+/- 0.02) |

#### **Storage and handling**

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Storage: 5-40°C  
Handling: Avoid heat, humidity, direct sunlight and ozone  
Shelf life: 5 years from production date



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## Physical properties

|                                               |  |           |
|-----------------------------------------------|--|-----------|
| Force at break                                |  |           |
| Before challenge testing                      |  | 6 Newton  |
| After challenge testing at 70°C for 166 hours |  | 6 Newton  |
| Through shelf life                            |  | 6 Newton  |
| Elongation                                    |  |           |
| Before challenge testing                      |  | min. 500% |
| After challenge testing at 70°C for 166 hours |  | min. 400% |

## Tests performed

Air and Water Leak test  
Sensitization test  
Irritation test  
Cytotoxicity  
Residual chemicals  
Force at break  
Penetration  
Powder residuals  
Bacteria and Fungi test  
Viral penetration  
Food approval (please see separate food datasheet)  
Chemical and (see list of results below in this datasheet)

## Composition

| Chemical         | CAS        |
|------------------|------------|
| Nitrile          | 9003-18-3  |
| Zinc oxide       | 1314-13-2  |
| ZDEC             | 14324-55-1 |
| ZDBC             | 136-23-2   |
| Sulphur          | 7704-34-9  |
| Titanium Dioxide | 13463-67-7 |
| pigment          |            |

| Chemical                  | CAS number | Permeation time | Level |
|---------------------------|------------|-----------------|-------|
| Sodium hydroxide 40% (K)  | 1310-73-2  | >480 min.       | 6     |
| Nitric acid 65%           | 7697-37-2  | 3 min.          | 0     |
| Formaldehyde 37% (T)      | 50-00-0    | >480 min.       | 6     |
| Hydrogen peroxide 30% (P) | 7722-84-1  | 46-60 min.      | 2     |
| Hydrofluoric acid 40%     | 7664-39-3  | 6-8 min.        | 0     |

Test method used: EN16523-1:2015



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| Art. no. | Colour | Product | Size | Palm mm<br>(+/-3) | Length<br>mm<br>(+/-5) | Quantity<br>Dispenser/carton |
|----------|--------|---------|------|-------------------|------------------------|------------------------------|
| 290720   | Purple | X-small | 5-6  | 76                | 240                    | 100/1000                     |
| 290721   | Purple | Small   | 6-7  | 84                | 240                    | 100/1000                     |
| 290722   | Purple | Medium  | 7-8  | 94                | 240                    | 100/1000                     |
| 290723   | Purple | Large   | 8-9  | 105               | 240                    | 100/1000                     |
| 290724   | Purple | X-Large | 9-10 | 113               | 240                    | 100/1000                     |
| 290730   | Pink   | X-small | 5-6  | 76                | 240                    | 100/1000                     |
| 290731   | Pink   | Small   | 6-7  | 84                | 240                    | 100/1000                     |
| 290732   | Pink   | Medium  | 7-8  | 94                | 240                    | 100/1000                     |
| 290733   | Pink   | Large   | 8-9  | 105               | 240                    | 100/1000                     |
| 290734   | Pink   | X-Large | 9-10 | 113               | 240                    | 100/1000                     |
| 290740   | Green  | X-small | 5-6  | 76                | 240                    | 100/1000                     |



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|        |       |         |      |     |     |          |
|--------|-------|---------|------|-----|-----|----------|
| 290741 | Green | Small   | 6-7  | 84  | 240 | 100/1000 |
| 290742 | Green | Medium  | 7-8  | 94  | 240 | 100/1000 |
| 290743 | Green | Large   | 8-9  | 105 | 240 | 100/1000 |
| 290744 | Green | X-Large | 9-10 | 113 | 240 | 100/1000 |