

AL Glove
Systems



BE PROTECTED
THE GLOVE TO MATCH
YOUR NEEDS.

GSESERIES

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AL Glove Systems GSE Gloves

made of Ethylene Propylene Diene Rubber (EPDM) show high resistance to most disinfectant chemicals.

The elastomer EPDM is resistant to alcohols as well as to acids and alkalis. It also shows good resistance to aging and weathering. Due to its temperature resistance up to 130°C, it is also suitable for steam sterilization.

FEATURES:

✦ Resistant to disinfection chemicals

Resistant to the commonly used chemicals for disinfection in production plants

✦ UV and ozone resistant

The gloves can withstand intense lighting situations.

✦ Fully electrically conductive

The gloves can be used with grounded port systems, which prevents for example powder adhesions due to static charging

SPECIFICATIONS

| | |
|-------------------------------|--|
| Material | Ethylene Propylene Diene Rubber (EPDM) |
| Colour | Black |
| Packaging | Single packaging in black PE bags |
| Recommended storage time | 42 months |
| Application range | Isolators, Gloveboxes, Restricted Access Barrier Systems (RABS) |
| Field of application | pharmaceutical industry, life science and biosciences, nuclear industry, various research applications |
| Temperature application range | - 40 °C to + 130 °C |
| Sterilisation | Gamma Radiation, VHP, Autoclaving |
| Conductivity | fully conductive (10^{-6} Ohm) |
| Gauntlet diameter* | 150 mm, 160 mm, 180 mm, 200 mm, 225 mm, 250 mm, 300 mm |
| Size* | M (8), L (9-10), XL (11) |
| Hand shape | ambidextrous |
| Material thickness | 0,4 / 0,6 mm |
| Length* | 800 mm, 920 mm |
| Bead thickness | 5 mm |
| Types | One-piece gloves, Sleeve with adapter ring |

* not all combinations immediately available, please contact us for more information

PARAMETERS AND TOLERANCES

| | |
|--------------------|--------------------|
| Material thickness | -0,1 mm / +0,15 mm |
| Glove lengths | +/- 20 mm |
| Bead thickness | +/-0,5 mm |



PERMEATION EN ISO 374-1:2016/A1:2018


| | |
|-------------------------|--------------------|
| P Hydrogen peroxide 30% | Protection Level 6 |
|-------------------------|--------------------|

MECHANICAL PROPERTIES EN 388:2016+A1:2018

| | |
|---------------------|--------------------|
| Abrasion resistance | Protection Level 2 |
| Cut resistance | Protection Level 0 |
| Tear resistance | Protection Level 1 |
| Puncture resistance | Protection Level 0 |
| ISO cut resistance | Protection Level X |



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