AL Glove Systems

BE PROTECTED

THE GLOVE TO MATCH YOUR NEEDS.

GSBSERIES

SEE IT : FEEL IT : **GLOVE IT**

AL Glove Systems

GSB SERIES

GSB series gloves, made of isobutene-isoprene rubber, with high gas impermeability, high resistance to a wide range of toxins, polar hydrocarbons such as, acids, esters, ketones, and amine derivatives. They are highly flexible with a high sensitivity.

FEATURES:

Impermeable to gas
High resistance to the permeation of mainly oxygen, nitrogen, inert gases, etc. during production under inert gas atmosphere in inert boxes in the production of electronic components and microcomponents.

Flexible
High sensitivity in handling tactile, good haptics

Resistant to chemicals
High resistance to a wide range of chemicals and toxins

SPECIFICATIONS

Material	isobutene-isoprene rubber PAK [polycyclic aromatic hydrocarbons] -free
Application range	Inert boxes and classic Glove boxes
Field of application	Production of electronic components, lamps, LEDs, semiconductors, nuclear industry, various research applications, metal and plastic 3D printing
Conductivity	antistatic (<10^8 Ohm)
Glove diameter*	7 Inch, 180 mm | 8 Inch, 200 mm | 9 Inch, 225 mm | 10 Inch, 250 mm | 12 Inch, 300 mm
Size*	L 9 – 10 | XL 11 ambidextrous
Length*	800 mm, 920 mm

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

PERMEATION

Chemicals		Protection Level
A	Methanol	6 (> 480)
B	Acetone	3 (> 60)
K	Sodium hydroxide 40%	6 (> 480)
L	Sulphuric acid 96%	5 (> 240)
O	Ammonium hydroxide 25%	6 (> 480)
T	Formaldehyde 37%	6 (> 480)

DEGRADATION according DIN EN ISO 374-4: 2020-04

Value in %
2.16
15.68
1.85
26.15
-23
6.12

Notified body: 0121 IFA Institut für Arbeitsschutz der DGUV · Alte Heerstr. 111 · 53757 Sankt Augustin

AL Glove Systems

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GSCSERIES

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GSC SERIES

The Glovebox gloves of the GSC series are made of „chlorosulfonated polyethylene". This material is highly resistant to the effects of oxygen and ozone aging as well as UV radiation.

In addition to its good chemical resistance in contact with acids and alkalis, the gloves are also temperature resistant up to 120 degrees.

FEATURES:

✪ **Acid and alkali resistant**
Gloves made of CSM are well suited for working with oxidizing products, concentrated nitric acid/hydrochloric acid, ammonia, concentrated alkalis and alcohols

✪ **UV-stable**
for example in inert gas welding boxes, UV intensive exposure to light

✪ **VHP-resistant**
Especially suitable for insulators disinfected with vaporized hydrogen peroxide (VHP)

SPECIFICATIONS

Material	chlorosulfonated polyethylene
Application range	ISOLATOR units and classic glove boxes
Field of application	pharmaceutical industry, life sciences, nuclear industry, various research applications
Conductivity	insulating (>10^8 Ohm)
Glove diameter*	7 Inch, 180 mm | 8 Inch, 200 mm | 9 Inch, 225 mm | 10 Inch, 250 mm | 12 Inch, 300 mm
Size*	L 9 – 10 | XL 11 ambidextrous
Length*	800 mm, 920 mm

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GSESERIES

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GSE SERIES

The Glovebox gloves of the GSE series made of „ethylene propylene diene rubber" 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**
Withstands intense exposure to light

✪ **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
Application range	RABS and ISOLATOR units
Field of application	pharmaceutical industry, life science and biosciences, div. research applications
Conductivity	fully conductive (<10^6 Ohm)
Glove diameter*	7 Inch, 180 mm | 8 Inch, 200 mm | 9 Inch, 225 mm | 10 Inch, 250 mm | 12 Inch, 300 mm
Size*	L 9 – 10 | XL 11 ambidextrous
Length*	800 mm, 920 mm

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