AL Glove Systems

BE PROTECTED

THE GLOVE TO MATCH YOUR NEEDS.

GSBSERIES

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GSB

MADE IN GERMANY

AL Glove Systems GSB gloves, made of Bromo-Butyl-Rubber (IIR), 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.
The GSB Glove is classified as PAH-free.

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 of the production of electronic components and microcomponents.

Flexible
Offers good sensitivity in handling.

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

SPECIFICATIONS

Material	Bromo-Butyl-Rubber (IIR) PAK [polycyclic aromatic hydrocarbons] -free
Colour	Black
Packaging	Single packaging in black PE bags
Recommended storage time	42 months
Application range	Inertboxes, Gloveboxes, Containment Chambers
Field of application	Production of electronic components, lamps, LEDs, Semiconductors, Nuclear applications, various research applications, Metal and Plastic 3D printing, Chemical protection
Temperature application range:	-40 °C to + 90 °C
Conductivity	antistatic (<10^8 Ω)
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, fully anatomical
Material thickness	0,4 / 0,6 / 0,8 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

CE 0121 ISO 374-1 / Typ A ABIKLNOT ISO 374-5: 2017 VIRUS DIN EN 388:2016+A1:2018 2100X

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

A	Methanol	Protection Level 6
B	Acetone	Protection Level 6
I	Ethyl acetate	Protection Level 3
K	Sodium hydroxide 40%	Protection Level 6
L	Sulphuric acid 96%	Protection Level 6
N	Acetic acid 99%	Protection Level 6
O	Ammonium hydroxide 25%	Protection Level 6
T	Formaldehyde 37%	Protection Level 6

MECHANICAL PROPERTIES EN 388:2016+A1:2018

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

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