

GSBSERIES GSB-LP

SEE IT : FEEL IT : GLOVE IT



BE PROTECTED
THE GLOVE TO MATCH
YOUR NEEDS.

AL Glove
Systems





AL Glove Systems GSB LP

gloves, made of Bromo-Butyl-Rubber (BIIR), with outstanding, further improved 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 LP Glove is classified as PAH-free.

FEATURES:

✦ Impermeable to gas

Very 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, micro-components and Lithium battery production.

✦ Flexible

Offers good sensitivity in handling.

✦ Resistant to chemicals

High resistance to a wide range of chemicals and toxins.

✦ Fully electrically conductive

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

SPECIFICATIONS

Material	Bromo-Butyl-Rubber (BIIR) 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



PERMEATION

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

A Methanol	Protection Level 6
B Acetone	Protection Level 6
I Ethyl acetate	Protection Level 4
K Sodium hydroxide 40%	Protection Level 6
L Sulphuric acid 96%	Protection Level 5
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 1
Cut resistance	Protection Level 0
Tear propagation resistance	Protection Level 2
Puncture resistance	Protection Level 0
ISO cut resistance	Protection Level 0



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