AL Glove Systems

BE PROTECTED

THE GLOVE TO MATCH YOUR NEEDS.

GSCSERIES

SEE IT . FEEL IT . **GLOVE IT**

AL Glove Systems

GSC

MADE IN GERMANY

SWM

AL Glove Systems GSC Glovebox gloves are made of Chlorosulfonated Polyethylene (CSM). 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**
Good resistance, e.g. in inert gas welding boxes or UV-intensive lighting situations

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

SPECIFICATIONS

Material	Chlorosulfonated Polyethylene (CSM)
Colour	white
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 sciences or biosciences, nuclear industry, various research applications
Temperature application range:	- 40 °C to + 120 °C
Sterilisation	VHP, Gamma Radiation, Autoclaving (restricted)
Conductivity	insulating (>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
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

CE 0161 ISO 374-1 / Type B AKLP ISO 374-5: 2016 VIRUS DIN EN 388:2016+A1:2018 3 1 1 1 X EN 421:2010

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

A Methanol	Protection Level 4
K Sodium hydroxide 40%	Protection Level 6
L Sulphuric acid 96%	Protection Level 6
P Hydrogen peroxide 30%	Protection Level 6

MECHANICAL PROPERTIES EN 388:2016+A1:2018

Abrasion resistance	Protection Level 3
Cut resistance	Protection Level 1
Tear propagation resistance	Protection Level 1
Puncture resistance	Protection Level 1
ISO cut resistance	Protection Level X

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