



INSTRUCTIONS FOR USE (IFU) for EPDM (Ethylene Propylene Diene Monomer) GLOVEBOX GLOVES :

Chemical & Box Gloves range

1. Product Description & Intended Use

These protective gloves are intended for professional use in **life sciences** (medical, pharmaceutical, laboratory) and **nuclear or controlled industrial environments**.

They provide protection against selected **chemical hazards, mechanical risks, radioactive contamination, and microorganisms**, including bacteria, fungi, and viruses. The gloves are suitable for use in atmospheres containing **ozone**.

2. Regulatory Compliance

The gloves comply with **Regulation (EU) 2016/425 on Personal Protective Equipment (PPE)** for safety, ergonomics, comfort, and mechanical strength.

Conformity assessment includes EU Type Examination (**Module B**) and, where applicable, ongoing conformity under **Module C2 or Module D**, performed by a notified body.

When the CE marking is followed by a four-digit number, it identifies the notified body responsible for Category III PPE. When marked **MD**, the product also qualifies as a **Class I medical device** under Regulation (EU) 2017/745.

3. Standards & Performance

EN ISO 21420:2020 – Read these Instructions for Use before wearing the gloves. A level **X** indicates a test is not applicable.

EN 388:2016 + A1:2018 – Mechanical protection (palm area only): abrasion, cut, tear, puncture, and ISO 13997 cut resistance. For multilayer gloves, overall performance may differ from the outer layer.

EN ISO 374-1:2016 + A1:2018 – Chemical protection:
Type A (≥ 30 min / ≥ 6 chemicals), Type B (≥ 30 min / ≥ 3 chemicals), Type C (≥ 10 min / ≥ 1 chemical).

EN ISO 374-5:2016 – Protection against bacteria, fungi, and viruses.

EN 421:2010 – Protection against radioactive contamination (excluding ionising radiation).

4. Chemical Resistance

Chemical resistance values are based on laboratory testing of palm samples (or 80 mm from the cuff end for gloves ≥ 400 mm) and apply only to the tested chemical. Results may differ for mixtures.

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Workplace conditions such as temperature, abrasion, flexing, or chemical degradation may significantly reduce actual protection time. For corrosive chemicals, material degradation is often the limiting factor.

Always verify glove suitability before use.

5. Instructions for Use

Before use: Inspect gloves for holes, tears, discoloration, or damage. Do not use damaged gloves or packaging. Confirm chemical compatibility.

Donning: Align glove correctly, insert fingers fully, and pull cuff securely over the wrist.

Doffing: Rinse contaminated gloves if required. Remove first glove from the fingertips, hold it in the gloved hand, then remove the second glove inside out over the first. Dispose safely.

6. Storage, Cleaning & Handling

Storage: Store in original packaging, in a dry place, away from sunlight, ozone, and radioactive sources. Standard storage room temperature: **21 °C**.

Minimum & maximum recommended storage room temperature: **from 5° to 40 °C**.

Cleaning: Clean lightly soiled gloves with lukewarm water and mild soap only. Do not use solvents or abrasives. Air dry at room temperature. Gloves contaminated with chemicals are **single-use only**.

Handling warnings: Do not use near moving machinery. Performance values apply to unused gloves at room temperature. Consult the chemical supplier for unlisted substances.

7. Shelf Life & Traceability

Shelf life is **36 months** from the manufacturing date when stored correctly. Manufacturing date, lot number, and expiry date are printed on the packaging.

8. Disposal & Environmental Responsibility

Dispose of gloves after contact with hazardous chemicals or infectious materials, or if signs of degradation appear (tears, holes, swelling, discoloration).

Dispose according to **local regulations**. Approved methods include controlled incineration or regulated landfill. Clinical waste must follow dedicated disposal protocols.

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9. Symbols & Marking Legend

a-Pictograms description.

	Designation	Purpose	
	a	Manufacturer brand & logo	
	b	Polymer	
	c	Hand size	
	d	Style n° & Port size info	
	e	“CE” marking and No. of the body in charge of the inspection	
	f	Available Instructions of use	
	g	Mechanical protection performance according to the EN388	
	h	Chemical risk protection performance according to the EN ISO 374 Type A	
	i	Chemical risk protection performance according to the EN ISO 374 – 5 for protection against virus.	
	J	Protection against radioactive contamination	
	k	Country of manufacturing	
	l	Lot n° including period of manufacturing	
	m	Shelf life storage / optimum usage best before expiry date.	

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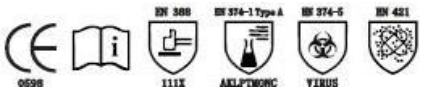
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b-Style code description :

EPDM SIZE 8 ER-8E2032/10A  MADE IN CHINA	Coding ER 8 E 20 32 10 A	Description Manufacturer name Port size in inches Polymer (EPDM) Thickness in mil with below varieties : 15 mil = 0.4 mm 20 mil = 0.5 mm 24 mil = 0.6 mm Length in inches Hand size Ambidextrous	
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