

FDA-approved polymer EPDM/RABS and Isolator gloves, featuring a dual-colored design

Port size: 254mm/10"
Thickness: 0.51mm/20 mil

- **Enhanced features:** Dual-layered white material on black lining makes for easy breach detection
- **Optimized durability:** AlphaTec® EPDM Isolator Gloves 85-601 are designed for repeated autoclave sterilization (up to 50 times), resulting in fewer replacements
- **Assured protection:** EN ISO 374 chemical resistance compliance means these cleanroom gloves guard against hydrogen peroxide and common disinfecting chemicals
- **Extended glove life:** They tolerate sustained oxygen, UV ray and ozone exposure
- **Increased eco-friendliness:** AlphaTec® EPDM Isolator Gloves 85-601 are halogen-free, making disposal by incineration a safe option
- **Food handling compliance:** They adhere to FDA Food Contact regulation (FDA Positive List) 21 CFR 177 for Indirect Food Additives



KEY FEATURES & BENEFITS

- **Dual-layered/dual-colored white-on-black design:** Easier breach detection
- **EPDM Plus material:** Suitable for repeated autoclave sterilization
- **Chemical resistance:** Hydrogen peroxide/common disinfecting chemicals

TECHNICAL DATA SHEET

Product Reference	85-601
Material	Ethylene propylene diene rubber_EPDM plus
Color	White Exterior, Black Interior
Shape	Ambidextrous
External Glove Surface	Smooth
Cuff Style	Beaded
Storage Instructions	Store in a dry and dark environment, temperature of 5°C to 22°C. Retain in original packaging when not in use.
Available Sizes	9.5, 11
Temperature Range	From -20°C to 130°C
Cleanroom Class	Non-Critical Environment
Shelf Life	Three (3) years from date of manufacture.
Tested For Use With Chemotherapy Drugs	No
Standards	CE 0493, EN 388:2016 +A1:2018, EN ISO 21420:2020, EN ISO 374-1:2016 Type B, EN ISO 374-5:2016, Category III, UKCA
Freedom from Holes (Inspection level I)	AQL 1.5
Vulcanization Chemical Accelerators	<ul style="list-style-type: none">• Diphenyl guanidine• Tetramethylthiuram disulfide• Zinc Dibutyldithiocarbamate (ZDBC)

PHYSICAL PROPERTIES

	Typical Values	Testing Method
Typical Length (mm/in)	800/32	EN ISO 21420
Port Size	254mm/10"	
Target Single Wall Palm Thickness (mm/mil)	0.51 / 20	EN 455-2
Target Single Wall Cuff Thickness (mm/mil)	0.51 / 20	EN 455-2

PROTECTION AGAINST MECHANICAL RISKS, EN 388:2016+A1:2018

Risk	Performance level
Abrasion Resistance	Level 3
Blade Cut Resistance	Level 1
Tear Resistance	Level 0
Puncture Resistance	Level 0
ISO 13997 Cut Resistance	Level A

ORDERING INFORMATION

	PORT SIZE	10"/254mm	10"/254mm
	SIZE	9.5	11
85-601	REORDER NO.	85601095	85601110

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Performance Standards and Regulatory Compliance



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