

EPDM RABS/isolator gloves, designed using premium FDA-approved material, resulting in less frequent glove changes

Port size: 203mm/8"

Thickness: 0.6mm/24 mil

- **Optimized durability:** Designed for repeated autoclave sterilization (up to 50 times), the AlphaTec® EPDM Isolator Glove 85-501 is truly long-lasting
- **Assured protection:** These isolator gloves meet EN ISO 374-1:2016 standards, shielding users from hydrogen peroxide and disinfecting chemicals
- **Extended glove life:** They tolerate frequent oxygen, UV ray and ozone exposure without rapid aging
- **Increased eco-friendliness:** Halogen-free, they can be safely disposed by incineration
- **Food handling compliance:** They conform to FDA Food Contact regulation (FDA Positive List) 21 CFR 177 for Indirect Food Additives



KEY FEATURES & BENEFITS

- **EPDM composition:** Designed for dexterity and repeated autoclave sterilization
- **Chemical resistance:** Hydrogen peroxide/common disinfecting chemicals
- **Hardy design:** No rapid aging, even with oxygen, UV ray and ozone exposure

TECHNICAL DATA SHEET

Product Reference	85-501
Material	Ethylene propylene diene rubber_EPDM
Color	Black
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	11, 9.5
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, 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

PHYSICAL PROPERTIES

	Typical Values	Testing Method
Typical Length (mm/in)	800/32	EN ISO 21420
Port Size	203mm/8"	
Target Single Wall Palm Thickness (mm/mil)	0.60 / 24	EN 455-2
Target Single Wall Finger Thickness (mm/mil)	0.60 / 24	EN 455-2
Target Single Wall Cuff Thickness (mm/mil)	0.60 / 24	EN 455-2

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

Risk	Performance level
Abrasion Resistance	Level 2
Blade Cut Resistance	Level 1
Tear Resistance	Level 1
Puncture Resistance	Level 1
ISO 13997 Cut Resistance	Level A

ORDERING INFORMATION

	PORT SIZE	8"/203mm	8"/203mm
	SIZE	9.5	11
85-501	REORDER NO.	85501095	85501110

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Performance Standards and Regulatory Compliance



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