

PREMIUM, FDA APPROVED MATERIAL (*), REDUCES GLOVE CHANGES (**)

Port size: 305mm/12"

Thickness: 0.6mm/24 mil

- **Optimized durability:** The AlphaTec® EPDM Isolator Glove 85-505 is designed for repeated autoclave sterilization (up to 50 times), resulting in fewer replacements
- **Assured protection:** These isolator gloves satisfy EN ISO 374 chemical resistance standards, for assured protection from hydrogen peroxide and common disinfecting chemicals
- **Extended glove life:** They can bear sustained oxygen, UV ray and ozone exposure without rapid aging
- **Food handling compliance:** These EPDM gloves adhere to FDA Food Contact regulation 21 CFR 177 (FDA Positive List) for Indirect Food Additives



KEY FEATURES & BENEFITS

- **EPDM composition:** Suitable for repeated autoclave sterilization
- **Chemical resistance:** Hydrogen peroxide/common disinfecting chemicals
- **FDA food handling compliance:** For safe, dependable isolator gloves

TECHNICAL DATA SHEET

Product Reference	85-505
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
Vulcanization Chemical Accelerators	• Diphenyl guanidine • Tetramethylthiuram disulfide

PHYSICAL PROPERTIES

	Typical Values	Testing Method
Typical Length (mm/in)	800/32	EN ISO 21420
Port Size	305mm/12"	
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	12"/305mm	12"/305mm
	SIZE	9.5	11
85-505	REORDER NO.	85505095	85505110

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Performance Standards and Regulatory Compliance



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