

## 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, EN 420:2003 + A1:2009, Category III |
| Vulcanization Chemical Accelerators    | <ul style="list-style-type: none"><li>• Diphenyl guanidine</li><li>• Tetramethylthiuram disulfide</li></ul>               |

## PHYSICAL PROPERTIES

|  | Typical Values   | Testing Method |
|--|------------------|----------------|
| Typical Length (mm/in)                       | 800 mm/32 mil    | EN ISO 21420   |
| Port Size                                    | 12"              |                |
| Target Single Wall Palm Thickness (mm/mil)   | 0.60 mm / 24 mil | EN 455-2       |
| Target Single Wall Finger Thickness (mm/mil) | 0.60 mm / 24 mil | EN 455-2       |
| Target Single Wall Cuff Thickness (mm/mil)   | 0.60 mm / 24 mil | 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           |

## ORDERING INFORMATION

|        | PORT SIZE   | 12"/305mm | 12"/305mm |
|--------|-------------|-----------|-----------|
|        | SIZE        | 9.5       | 11        |
| 85-505 | REORDER NO. | 85505095  | 85505110  |

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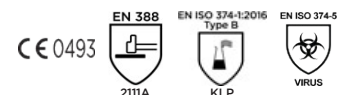
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## Performance Standards and Regulatory Compliance



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