

## EPDM RABS/isolator gloves, developed with premium FDA-approved material, for reduced glove changes

Port size: 305mm/12"  
Thickness: 0.4mm/16 mil

- **Optimized durability:** The AlphaTec® EPDM Isolator Glove 85-504 is ideal for repeated autoclave sterilization (up to 50 times), meaning fewer replacements over a sustained period
- **Assured protection:** These EN ISO 374-compliant RABS gloves deliver high resistance to hydrogen peroxide and common disinfecting chemicals
- **Improved eco-friendliness:** The AlphaTec® EPDM Isolator Glove 85-504 model is also halogen-free, making it suitable for disposal by incineration
- **Food handling compliance:** This model of isolator glove also complies with FDA Food Contact regulation 21 CFR177 (FDA Positive List) for Indirect Food Additives



### KEY FEATURES & BENEFITS

- **EPDM material:** Perfect for repeated autoclave sterilization
- **Chemical resistance:** Hydrogen peroxide/common disinfecting chemicals
- **FDA food handling compliance:** Safe and suitable for food handling

### TECHNICAL DATA SHEET

|                        |   |
|------------------------|---|
| Product Reference      | 85-504  |
| 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.   |
| 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 |

## PHYSICAL PROPERTIES

|  | Typical Values   | Testing Method |
|--|------------------|----------------|
| Typical Length (mm/in)                       | 800/32           | EN ISO 21420   |
| Port Size                                    | 12"              |                |
| Target Single Wall Palm Thickness (mm/mil)   | 0.40 mm / 16 mil | EN 455-2       |
| Target Single Wall Finger Thickness (mm/mil) | 0.40 mm / 16 mil | EN 455-2       |
| Target Single Wall Cuff Thickness (mm/mil)   | 0.40 mm / 16 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        |
| 85-504 | REORDER NO. | 85504095  | 85504110  |

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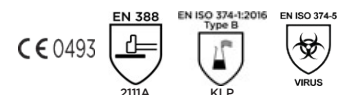
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## Performance Standards and Regulatory Compliance



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