

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

Port size: 254mm/10"  
Thickness: 0.4mm/16 mil

- **Optimized durability:** The AlphaTec® EPDM Isolator Glove 85-502 is designed for repeated autoclave sterilization (up to 50 times), which means fewer replacements
- **Assured protection:** These RABS gloves are EN ISO 374-compliant, resisting hydrogen peroxide and common disinfecting chemicals
- **Increased eco-friendliness:** They are halogen-free, making them suitable for disposal by incineration
- **Food handling compliance:** They comply with FDA Food Contact regulation (FDA Positive List) 21 CFR 177 for Indirect Food Additives



### KEY FEATURES & BENEFITS

- **EPDM material:** Ideal for repeated autoclave sterilization
- **Chemical resistance:** Hydrogen peroxide/common disinfecting chemicals
- **FDA food handling compliance:** For safe, assured food handling

### TECHNICAL DATA SHEET

|                                     |                                                                                                                   |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Product Reference                   | 85-502                                                                                                            |
| 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 +A1:2018, EN ISO 21420:2020, EN ISO 374-1:2016 Type B, EN ISO 374-5:2016, Category III, UKCA |
| 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)                       | 800/32         | EN ISO 21420   |
| Port Size                                    | 254mm/10"      |                |
| Target Single Wall Palm Thickness (mm/mil)   | 0.40 / 16      | EN 455-2       |
| Target Single Wall Finger Thickness (mm/mil) | 0.40 / 16      | EN 455-2       |
| Target Single Wall Cuff Thickness (mm/mil)   | 0.40 / 16      | 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   | 10"/254mm | 10"/254mm |
|--------|-------------|-----------|-----------|
|        | SIZE        | 9.5       | 11        |
| 85-502 | REORDER NO. | 85502095  | 85502110  |

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### Performance Standards and Regulatory Compliance



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