

## EPDM RABS/isolator gloves, composed of premium FDA-approved material, for less frequent glove changes

Port size: 203mm/8"  
Thickness: 0.4mm/16 mil

- **Optimized durability:** The AlphaTec® EPDM Isolator Glove 85-500 is designed with repeated autoclave sterilization (up to 50 times) in mind, meaning fewer replacements
- **Guaranteed protection:** These RABS gloves comply with EN ISO 374-1:2016 standards, withstanding hydrogen peroxide and common disinfecting chemicals
- **Extended glove life:** They can bear sustained oxygen, UV ray and ozone exposure without rapid aging
- **Increased eco-friendliness:** Being halogen-free, disposal by incineration is also an option
- **Food handling compliance:** They adhere to FDA Food Contact regulation (FDA Positive List) 21 CFR 177 for Indirect Food Additives



### KEY FEATURES & BENEFITS

- **EPDM material:** Perfect for repeated autoclave sterilization
- **Chemical resistance:** Hydrogen peroxide/common disinfecting chemicals
- **Durable design:** Withstands prolonged oxygen, UV ray and ozone exposure

### TECHNICAL DATA SHEET

|                                     |   |
|-------------------------------------|---|
| Product Reference                   | 85-500  |
| 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 388:2016 +A1:2018, EN ISO 21420:2020, EN ISO 374-1:2016 Type B, EN ISO 374-5:2016, EN ISO 374-1:2016, 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)                       | 800/32          | EN ISO 21420   |
| Port Size                                    | 8"              |                |
| Target Single Wall Palm Thickness (mm/mil)   | 0.40mm/16mil    | EN 455-2       |
| Target Single Wall Finger Thickness (mm/mil) | 0.40mm/16mil    | EN 455-2       |
| Target Single Wall Cuff Thickness (mm/mil)   | 0.4 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   | 8"/203mm | 8"/203mm |
|--------|-------------|----------|----------|
|        | SIZE        | 9.5      | 11       |
| 85-500 | REORDER NO. | 85500095 | 85500110 |

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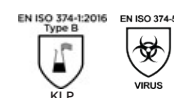
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## Performance Standards and Regulatory Compliance



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