

EPDM RABS/isolator gloves, designed using premium FDA-approved material, resulting in less frequent glove changes

Port size: 203mm/8"

Thickness: 0.6mm/24 mil

- **Optimized durability:** Designed for repeated autoclave sterilization (up to 50 times), the AlphaTec® EPDM Isolator Glove 85-501 is truly long-lasting
- **Assured protection:** These isolator gloves meet EN ISO 374-1:2016 standards, shielding users from hydrogen peroxide and disinfecting chemicals
- **Extended glove life:** They tolerate frequent oxygen, UV ray and ozone exposure without rapid aging
- **Increased eco-friendliness:** Halogen-free, they can be safely disposed by incineration
- **Food handling compliance:** They conform to FDA Food Contact regulation (FDA Positive List) 21 CFR 177 for Indirect Food Additives



KEY FEATURES & BENEFITS

- **EPDM composition:** Designed for dexterity and repeated autoclave sterilization
- **Chemical resistance:** Hydrogen peroxide/common disinfecting chemicals
- **Hardy design:** No rapid aging, even with oxygen, UV ray and ozone exposure

TECHNICAL DATA SHEET

| | |
|--|---|
| Product Reference | 85-501 |
| 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 388:2016 +A1:2018, EN ISO 21420:2020, EN ISO 374-1:2016 Type B, EN ISO 374-1:2016, EN ISO 374-5:2016, 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 | 8" | |
| 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 |
| ISO 13997 Cut Resistance | 1 |

ORDERING INFORMATION

| | PORT SIZE | 8"/203mm | 8"/203mm |
|--------|-------------|----------|----------|
| | SIZE | 9.5 | 11 |
| 85-501 | REORDER NO. | 85501095 | 85501110 |

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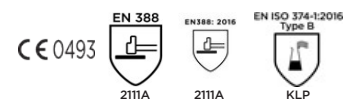
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Performance Standards and Regulatory Compliance



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