

## Neoprene RABS/isolator gloves, designed for medium-duty environments with aggressive chemicals

Port size: 178mm/7"

Thickness: 0.51mm/20 mil

- **Specialized protection:** AlphaTec® Neoprene Isolator Gloves 55-301 meet EN ISO 374 chemical resistance standards, shielding wearers from most acids, alcohols, oils and lubricants
- **Assured dexterity:** Medium-level thickness grants these isolator gloves better dexterity, for enhanced usability over a sustained period
- **Reduced contamination risks:** Their unlined design lessens the chance of chemical absorption and related contamination risks
- **Enhanced durability:** These neoprene gloves also ensure EN 388:2016+A1:2018 Level 2 abrasion resistance



### KEY FEATURES & BENEFITS

- **EN ISO 374-compliant chemical resistance:** Dependable hand protection
- **Medium thickness:** Greater dexterity, for simpler parts handling
- **Unlined:** Minimized contamination risks, easier cleaning

### TECHNICAL DATA SHEET

|                                        |                                                                                                                                                |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Reference                      | 55-301                                                                                                                                         |
| Material                               | Neoprene Polymer                                                                                                                               |
| 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                        | 9, 10                                                                                                                                          |
| Temperature Range                      | From -30°C to 50°C                                                                                                                             |
| Cleanroom Class                        | Non-Critical Environment                                                                                                                       |
| Shelf Life                             | Five (5) years from date of manufacture.                                                                                                       |
| Tested For Use With Chemotherapy Drugs | No                                                                                                                                             |
| Antistatic                             | No                                                                                                                                             |
| Standards                              | CE 0493, EN 388:2016 +A1:2018, EN ISO 21420:2020, EN ISO 374-1:2016, EN ISO 374-5:2016, EN 388:2016, EN 420:2003 + A1:2009, Category III, UKCA |
| Vulcanization Chemical Accelerators    | <ul style="list-style-type: none"><li>Tetramethylthiuram disulfide</li></ul>                                                                   |

### PHYSICAL PROPERTIES

|                                            | Typical Values   | Testing Method |
|--------------------------------------------|------------------|----------------|
| Typical Length (mm/in)                     | 711 mm / 28"     | EN 455-2       |
| Port Size                                  | 178mm/7"         |                |
| Target Single Wall Palm Thickness (mm/mil) | 0.51 mm / 20 mil | EN 455-2       |
| Target Single Wall Cuff Thickness (mm/mil) | 0.51 mm / 20 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 0           |
| Puncture Resistance  | Level 0           |

### ORDERING INFORMATION

|        |             |          |          |
|--------|-------------|----------|----------|
|        | PORT SIZE   | 7        | 7        |
|        | SIZE        | 9        | 10       |
| 55-301 | REORDER NO. | 55301090 | 55301100 |

For additional information visit us at [www.ansell.com](http://www.ansell.com), or call us at

#### Europe, Middle East & Africa Region

Ansell Healthcare Europe NV  
T: +32 (0) 2 528 74 00  
F: +32 (0) 2 528 74 01

#### Asia Pacific Region

Ansell Global Trading Center  
T: +603 8310 6688  
F: +603 8310 6699

#### North America Region

Ansell Healthcare Products LLC  
US T: +1 800 800 0444  
US F: +1 800 800 0445  
CA T: +1-800-363-8340

#### Latin America & Caribbean Region

Ansell Commercial Mexico S.A. de C.V.  
T: +52 442 248 1544 / 248 3133

#### Australia

Ansell Limited  
T: +61 1800 337 041  
F: +61 1800 803 578

#### UK

Ansell Nitritex  
T: +44 1638 663338  
F: +44 1638 668890

### Performance Standards and Regulatory Compliance



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