

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 374:2016 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 EN388:2016+A1:2018 Level 2 abrasion resistance



KEY FEATURES & BENEFITS

- **EN ISO 374:2016-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 ISO 21420:2020, EN ISO 374-1:2016 Type A (KLMNPT), EN ISO 374-5:2016, EN 388:2016, Category III, UKCA
Vulcanization Chemical Accelerators	<ul style="list-style-type: none">Tetramethylthiuram disulfide

PHYSICAL PROPERTIES

	Typical Values	Testing Method
Typical Length (mm/in)	711 / 28	EN 455-2
Port Size	178mm/7"	
Target Single Wall Palm Thickness (mm/mil)	0.51 / 20	EN 455-2
Target Single Wall Cuff Thickness (mm/mil)	0.51 / 20	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
ISO 13997 Cut Resistance	Level A

ORDERING INFORMATION

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

For additional information visit us at 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



Ansell, ® and ™ are trademarks owned by Ansell Limited or one of its affiliates. US Patented and US and non-US Patents Pending: www.ansell.com/patentmarking © 2025 Ansell Limited. All Rights Reserved.

Neither this document nor any other statement made herein by or on behalf of Ansell should be construed as a warranty of merchantability or that any Ansell product is fit for a particular purpose. Ansell assumes no responsibility for the suitability or adequacy of an end user's selection of gloves for a specific application.