

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
Freedom from Holes (Inspection level I)	AQL 0.65
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

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Performance Standards and Regulatory Compliance



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