

AciTek™ Acid Gloves

49-252

AciTek cleanroom acid gloves from Ansell set a new standard for protection and comfort. Made on ergonomically-designed, hand-specific formers, AciTek offers exceptional flexibility and comfort for extended wear times.

The 100% natural latex polymer offers good protection from a wide spectrum of acids, etchants, and solvents, and the aggressive grip pattern provides a sure hold on glassware and other smooth or slippery surfaces. The generous length (13.8" to 14.6") provides good forearm protection, and allows secure cuffing.

Complete Cleanroom Compatibility

AciTek gloves are packaged in a Class 100 (ISO 5) environment with

cleanroom-compatible double polybag packaging, easy tear-open configuration, and IPA resistant ink printing. Each lot is tested, certified and documented AQL 1.5%, GII. Lot numbers are printed on each pair polybag.

Industry Leading Gloves from the Industry Leader

Ansell is the world leader in latex gloves. All AciTek gloves are produced from the highest quality natural rubber latex and tested in accordance with ASTM standards and IEST recommended practices, and are lot numbered and documented to ensure the highest levels of consistency. Supporting you with the industry's broadest cleanroom product line and global support – Ansell is your best choice.

Recommended Usage:
Wet and chemical-resistant applications requiring a clean glove with excellent comfort, grip, and flexibility – wafer manufacturing, pharmaceutical/biotech, and general cleanroom maintenance and production.

Ansell

Technical Data

49-252

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|--|---|-----------------------------|---|
| Material | 100% natural rubber latex polymer. | | |
| Glove Design | Hand-specific, ergonomically designed for improved dexterity and comfort. | | |
| Cuff Design | Straight cuff for maintained cleanliness and chemical protection. | | |
| Color and Finish | Citrus orange. Unlined chlorinated inside and outside. Fishscale texture on fingers and palm. | | |
| Cleanroom Compatibility | Gloves are packaged in a class 100 (ISO 5) environment with cleanroom-compatible double polybag packaging, easy tear-open configuration, and IPA resistant ink printing. Polybag lined shipping carton. | | |
| Quality Standards | Lot number printed on individual envelope. Manufactured in ISO 9002 registered facilities. Each lot tested, certified and documented AQL 1.5%, GII | | |
| Protein Level | <50 µg/gram. Tested per ASTM D 5712-95 | | |
| Extractable Values | Specification | Typical | |
| Particulate Data (particles/cm ²) Avg. Total .5-20µm | <2800 | 1210 | |
| TNVR in (95/5) DI water/IPA (µg/cm ²) | <1.0 µg/cm ² | 0.43 µg/cm ² | |
| Ionic Content | Specification | Typical | |
| Aluminum (Al ³⁺) | <0.050 µg/cm ² | <0.00012 µg/cm ² | |
| Chloride (Cl ⁻) | <1.000 µg/cm ² | <0.122 µg/cm ² | |
| Copper (Cu ²⁺) | <0.050 µg/cm ² | <0.00002 µg/cm ² | |
| Iron (Fe ³⁺) | <0.010 µg/cm ² | 0.00014 µg/cm ² | |
| Lithium (Li ⁺) | <0.050 µg/cm ² | <0.007 µg/cm ² | |
| Magnesium (Mg ²⁺) | <0.020 µg/cm ² | <0.018 µg/cm ² | |
| Nitrate (NO ₃ ⁻) | <0.200 µg/cm ² | <0.003 µg/cm ² | |
| Potassium (K ⁺) | <0.050 µg/cm ² | <0.003 µg/cm ² | |
| Silicone (Mg/Cm ³) | None | None | |
| Sodium (Na ⁺) | <0.030 µg/cm ² | <0.010 µg/cm ² | |
| Sulfate (SO ₄ ²⁻) | <0.100 µg/cm ² | <0.010 µg/cm ² | |
| Zinc (Zn ²⁺) | <0.300 µg/cm ² | 0.10091 µg/cm ² | |
| Test methods per IEST-RP-CC005.3 using an orbital shaker. ND=None Detected | | | |
| Typical Physical Values | | | |
| Thickness: | | | |
| Palm | 0.50 mm/20 mil. | | |
| Tensile Strength | Before Aging: 17.0 Mpa min./ After Aging: 8.0 Mpa min. | | |
| Elongation | Before Aging: 650% min./ After Aging: 550% min. | | |
| Sizes: | 7 | 8 | 9 |
| Length | 350-370 mm/13.8-14.6 inches | | |
| Packaging | | | |
| One pair per sealed printed polybag with lot number and size label. 12 pairs per sealed unprinted master polybag. 6 master polybags per poly-lined carton. 72 pairs per carton. | | | |

NOTE: The information contained herein represents typical performance values and characteristics for the product and is not to be construed or used as actual product performance specifications.



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