



## » TECHNICAL RELEASE

# CLEAN DISPOSABLE GLOVE COMPARISON

### Reduce Contamination Risks by Selecting the Right Clean Gloves for the Job

When selecting single-use gloves for life sciences applications, selecting the right glove for the application protects products and processes from particles and ions; improves product integrity; and minimizes risk — benefits every employer values. For a higher degree of confidence, Ansell's range of clean disposable gloves are designed to minimize contamination and exposure during manufacturing.

### Which glove are you using?

#### Comparison of single use gloves designed for use in cleanroom environments

Glove Name	AccuTech® 91-325	TouchNTuff® 93-300	Nitrilite® 93-401	Nitrilite® 93-311	TouchNTuff® 73-300	TouchNTuff® 83-300
<b>Length</b> (mm)	300	300	300	300	305	310
<b>Palm Thickness</b> (mm)	0.18	0.12	0.1	0.1	0.13	0.2
<b>Particle Count</b> (/cm <sup>2</sup> )	<3500	<1500	<400	<2400	<2500	<2500
<b>Suitable for use in cleanroom class</b> (ISO/GMP)*	5 / A	5 / A	4/A	5 / A	5 / A	5 / A
<b>AQL</b>	1.5	1.5	1.5	2.5	1.0	1
<b>Chemodrug Approved?</b>	N	Y	N	N	Y	Y
<b>Chemical Breakthrough vs 70% Ethanol</b> (min)	5	27	31	31	52	5
<b>Chemical Breakthrough vs 70% Isopropyl Alcohol</b> (min)	11	178	103	103	71	188
<b>Chemical Breakthrough vs 30% Hydrogen Peroxide</b> (min)	> 480	41	22	35	130	105
<b>Silicone Free?</b>	N	Y	Y	Y	N	N
<b>Puncture Resistance (N)*</b>	5.3	9.6	11.9	10	3.1	3.7
<b>Tensile Strength (MPa)*</b>	26	14	18	18	21	17
<b>Elongation (%)*</b>	820	500	300	300	1020	650
<b>Modulus (MPa)</b>	3.5	7.0	5 to 12	5 to 12	2.4	7
<b>Packaging</b>	1 pair/poly wallet, sealed in a poly envelope; 10 pairs/sealed polybags; 5 sealed polybags/master polybag; 4 master polybags/lined carton. 200 pairs/carton.	50 gloves/vacuum-sealed, unprinted polybag; 2 bags of 50 gloves/master polybag; 10 master poly bags/lined carton. 1000 gloves/carton.	50 gloves/polybag, 2 polybags/master polybag; 10 master polybags/case. 1000 gloves/case.	50 gloves/polybag, 2 polybags/master polybag; 10 master polybags/case. 1000 gloves/case.	20 right and left hand gloves are packed in separate compartments in a polybag; 2 polybags/master polybag; 5 master polybags/lined carton. 200 pairs/carton.	20 right and left hand gloves are packed in separate compartments in a polybag; 2 polybags/master polybag; 5 master polybags/lined carton. 200 pairs/carton.
<b>Complies with EN 374?</b>	Y	Y	Y	Y	Y	Y

\* Gloves suitable for use in GMP A areas are also suitable for use in GMP B and C areas.

Data given in this document is based on results of laboratory tests. These tests were run using standard test methods that may not adequately replicate any specific conditions of end use. Because Ansell has no detailed knowledge or control over the conditions of end use, this data is advisory only, and Ansell assumes no responsibility for any reliance on the information. Photo taken at the NJIT EDC labs.

### For more information or to request a sample, contact your Ansell Representative.

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