

Salient Characteristics –Chemotherapy Rated Gloves

- Must be Chemotherapy rated and labeled. **Either of the below standards is acceptable.**
 - Should have
 - **ASTM D6978-05(2019)** ‘Standard Practice for Assessment of Resistance of Medical Gloves to Permeation by Chemotherapy Drugs’
 - **12” cuff (300mm) extended cuff gloves preferred for chemo administration**
- Meet general standards of medical grade gloves
 - **Quality medical grade gloves** – generally are between 3-4 mils thick; thicker gloves rip less and are more protective against needlestick injuries.
 - Thicker gloves are better
 - **No talc or powder** inside or out
 - Medical grade gloves should meet **ASTM D6319-19** standards
 - Have an ASTM AQL (acceptable quality level) overall rating of **less than 2.5 AQL** (1.0 is preferred)
 - Test D5151 – Water test = **2.5 AQL or lower (1.0 preferred)**
 - Test D6124 – Residual powder test = max of 2mg per glove for powder free gloves
 - Test D1671 – Blood borne Pathogen test = must Pass
 - Nitrile gloves:
 - Test D6319 – **Medical grade Nitrile = AQL of 2.5, tensile strength of at least 18MPa, and minimum of 500% elongation**
 - Vinyl gloves:
 - Test D5250 – Medical grade Vinyl = AQL of 2.5, tensile strength of at least 11MPa, and minimum of 300% elongation
 - Reference for standards: <http://www.psggear.com/index.php/quality-standards>

Comparable products

[VersaShield Extended Cuff Powder-Free Nitrile Exam Gloves | Medline Industries, Inc.](#)

VersaShield Extended Cuff Powder-Free Nitrile Exam Gloves

Manufacturer: Medline

- VersaShield gloves offer dependable strength you can count on and have a long 12" cuff that helps provide an extra barrier for your wrists and arms; textured fingertips provide enhanced grip
- Barrier tested against fentanyl exposure up to 167 minutes to help protect you when treating overdose patients (permeation testing per ASTM D6978-05)
- Chemical tested to ASTM F739-12*
- Meets both ASTM D6978-05 and USP 800 Personal Protection Equipment requirement for use of chemotherapy gloves when handling hazardous drugs**
- Meet standards of the National Fire Protection Association (NFPA)***

* Tested chemicals available upon request.

** When used in accordance to the guidelines set forth in the USP 800 chapter. Tested

chemotherapy drugs available upon request. Caution: Testing showed a minimum breakthrough time of 30.3 minutes with Carmustine, 91.0 minutes with Thiotepa.

*** Data on file.