### Table 1: Acceptable Non-NIOSH Disposable Respirator Classifications in Case of Shortage of NIOSH Certified Respirators

<table>
<thead>
<tr>
<th>Respiratory Protection</th>
<th>Acceptable Non-NIOSH Disposable Respirator Classifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Respirator Made of Elastomeric Material (Half or Full-Face)</td>
<td>N99, P99, R99, N95, P95, R95, N85, P85, R85</td>
</tr>
<tr>
<td>Respirator Made of Synthetic Rubber, Cloth, Paper, or Combination of these Materials (Half Face)</td>
<td>N99, P99, R99, N95, P95, R95, N85, P85, R85, N75, P75, R75</td>
</tr>
<tr>
<td>Powered Air Purifying Respirator (PAPR)</td>
<td>N99, P99, R99, N95, P95, R95, N85, P85, R85, N75, P75, R75</td>
</tr>
<tr>
<td>Pressure Control Ventilation</td>
<td>N99, P99, R99, N95, P95, R95, N85, P85, R85, N75, P75, R75</td>
</tr>
<tr>
<td>Volume Control Ventilation</td>
<td>N99, P99, R99, N95, P95, R95, N85, P85, R85, N75, P75, R75</td>
</tr>
<tr>
<td>Pressure Support</td>
<td>N99, P99, R99, N95, P95, R95, N85, P85, R85, N75, P75, R75</td>
</tr>
</tbody>
</table>

Note: In case of severe shortages non-NIOSH-certified respirators can be submitted for consideration. These must have the documentation of non-U.S.A. country respirator certification per Table 1. Consideration. These must have the documentation of non-U.S.A. country respirator certification per Table 1.
Swabs must be FDA approved:

- Nasopharyngeal swabs:
  - Copan Oropharyngeal swabs: 502CS01, 519CS01, 164KS01, 167KS01
  - DHI/Quidel Nasopharyngeal swabs: 503CS01.DHI
  - Puritan Nasopharyngeal swabs: 25-3317-H, 25-1406 1PF 50f, 25-800 1PD

- Buccal swabs:
  - Copan Buccal swabs: 502BS01, 519BS01, 164BS01, 167BS01

- Buccal-Oral swabs:
  - BD brand: 115010, 115012, 115013, 115014, 115016

- Throat swabs:
  - BD brand: 115062, 115072, 115073, 115074, 115075

Surface Wipes must:

- Be medical grade
- Be powder-free
- Be shelf-stable (i.e., no refrigeration requirements)
- Contain no natural rubber latex
- Have documentation of U.S. FDA 510(k) clearance.
- Have NIOSH Certification TC-xxx-xxxx
- Have product code OEA
- Have documentation of compliance with American National Standards Institute (AAMI), ANSI/AAMI PB70 showing what level they meet: 1, 2, 3, or 4.
- Have two head straps to hold the facepiece to the head. Earloops are not acceptable for respirators.
- Contain no natural rubber latex
- Have National Institute for Occupational Safety and Health (NIOSH) Certification (These are formatted TC-84A-xxxx.)
- Be constructed with a minimum of three plies.
- Have minimum dimensions of 17 cm wide by 10 cm high with height factor ≥10

Goggles must:

- Be medical grade
- Be shelf-stable (i.e., no refrigeration requirements)
- Have a minimum length of 220mm-230mm depending on glove size and shelf-stable (i.e., no refrigeration requirements)
- Be powder-free
- Be shelf-stable (i.e., no refrigeration requirements)
- Contain no natural rubber latex
- Have documentation of U.S. FDA 510(k) clearance.
- Have NIOSH Certification TC-xxx-xxxx
- Have product code OEA
- Have documentation of compliance with American National Standards Institute (AAMI), ANSI/AAMI PB70 showing what level they meet: 1, 2, 3, or 4.
- Have two head straps to hold the facepiece to the head. Earloops are not acceptable for respirators.
- Contain no natural rubber latex
- Have National Institute for Occupational Safety and Health (NIOSH) Certification (These are formatted TC-84A-xxxx.)
- Meet ASTM F2407 Standard Specification for Surgical Gowns intended for use in the presence of high concentrations of biohazardous agent
- Be shelf-stable (i.e., no refrigeration requirements)
- Contain no natural rubber latex
- Have NIOSH Certification TC-xxx-xxxx
- Have product code OEA
- Have documentation of compliance with American National Standards Institute (AAMI), ANSI/AAMI PB70 showing what level they meet: 1, 2, 3, or 4.
- Have two head straps to hold the facepiece to the head. Earloops are not acceptable for respirators.
- Contain no natural rubber latex
- Have National Institute for Occupational Safety and Health (NIOSH) Certification (These are formatted TC-84A-xxxx.)
- Be constructed with a minimum of three plies.
- Have minimum dimensions of 17 cm wide by 10 cm high with height factor ≥10

Face Shields must:

- Be shelf-stable (i.e., no refrigeration requirements)
- Contain no natural rubber latex
- Have documentation of U.S. FDA 510(k) clearance.
- Have NIOSH Certification TC-xxx-xxxx
- Have product code OEA
- Have documentation of compliance with American National Standards Institute (AAMI), ANSI/AAMI PB70 showing what level they meet: 1, 2, 3, or 4.
- Have two head straps to hold the facepiece to the head. Earloops are not acceptable for respirators.
- Contain no natural rubber latex
- Have National Institute for Occupational Safety and Health (NIOSH) Certification (These are formatted TC-84A-xxxx.)
- Meet ASTM F2407 Standard Specification for Surgical Gowns intended for use in the presence of high concentrations of biohazardous agent
- Be shelf-stable (i.e., no refrigeration requirements)
- Contain no natural rubber latex
- Have NIOSH Certification TC-xxx-xxxx
- Have product code OEA
- Have documentation of compliance with American National Standards Institute (AAMI), ANSI/AAMI PB70 showing what level they meet: 1, 2, 3, or 4.
- Have two head straps to hold the facepiece to the head. Earloops are not acceptable for respirators.
- Contain no natural rubber latex
- Have National Institute for Occupational Safety and Health (NIOSH) Certification (These are formatted TC-84A-xxxx.)
- Be constructed with a minimum of three plies.
- Have minimum dimensions of 17 cm wide by 10 cm high with height factor ≥10

Surgical Gowns

- Must be shelf-stable (i.e., no refrigeration requirements)
- Must contain no natural rubber latex
- Must have NIOSH Certification TC-xxx-xxxx
- Must have product code OEA
- Must have documentation of U.S. FDA 510(k) clearance.
- Must have documentation of compliance with American National Standards Institute (AAMI), ANSI/AAMI PB70 showing what level they meet: 1, 2, 3, or 4.
- Must have two head straps to hold the facepiece to the head. Earloops are not acceptable for respirators.
- Must contain no natural rubber latex
- Must have National Institute for Occupational Safety and Health (NIOSH) Certification (These are formatted TC-84A-xxxx.)
- Must meet ASTM F2407 Standard Specification for Surgical Gowns intended for use in the presence of high concentrations of biohazardous agent
- Must be shelf-stable (i.e., no refrigeration requirements)
- Must contain no natural rubber latex
- Must have NIOSH Certification TC-xxx-xxxx
- Must have product code OEA
- Must have documentation of U.S. FDA 510(k) clearance.
- Must have documentation of compliance with American National Standards Institute (AAMI), ANSI/AAMI PB70 showing what level they meet: 1, 2, 3, or 4.
- Must have two head straps to hold the facepiece to the head. Earloops are not acceptable for respirators.
- Must contain no natural rubber latex
- Must have National Institute for Occupational Safety and Health (NIOSH) Certification (These are formatted TC-84A-xxxx.)
- Must be shelf-stable (i.e., no refrigeration requirements)
- Must contain no natural rubber latex
- Must have NIOSH Certification TC-xxx-xxxx
- Must have product code OEA
- Must have documentation of U.S. FDA 510(k) clearance.
- Must have documentation of compliance with American National Standards Institute (AAMI), ANSI/AAMI PB70 showing what level they meet: 1, 2, 3, or 4.
- Must have two head straps to hold the facepiece to the head. Earloops are not acceptable for respirators.
- Must contain no natural rubber latex
- Must have National Institute for Occupational Safety and Health (NIOSH) Certification (These are formatted TC-84A-xxxx.)
- Must meet ASTM F2407 Standard Specification for Surgical Gowns intended for use in the presence of high concentrations of biohazardous agent
- Must be shelf-stable (i.e., no refrigeration requirements)
- Must contain no natural rubber latex
- Must have NIOSH Certification TC-xxx-xxxx
- Must have product code OEA
- Must have documentation of U.S. FDA 510(k) clearance.
- Must have documentation of compliance with American National Standards Institute (AAMI), ANSI/AAMI PB70 showing what level they meet: 1, 2, 3, or 4.
- Must have two head straps to hold the facepiece to the head. Earloops are not acceptable for respirators.
- Must contain no natural rubber latex
- Must have National Institute for Occupational Safety and Health (NIOSH) Certification (These are formatted TC-84A-xxxx.)
- Must be shelf-stable (i.e., no refrigeration requirements)
- Must contain no natural rubber latex
- Must have NIOSH Certification TC-xxx-xxxx
- Must have product code OEA
- Must have documentation of U.S. FDA 510(k) clearance.
- Must have documentation of compliance with American National Standards Institute (AAMI), ANSI/AAMI PB70 showing what level they meet: 1, 2, 3, or 4.
- Must have two head straps to hold the facepiece to the head. Earloops are not acceptable for respirators.
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- Must have National Institute for Occupational Safety and Health (NIOSH) Certification (These are formatted TC-84A-xxxx.)
- Must meet ASTM F2407 Standard Specification for Surgical Gowns intended for use in the presence of high concentrations of biohazardous agent
- Must be shelf-stable (i.e., no refrigeration requirements)
- Must contain no natural rubber latex
- Must have NIOSH Certification TC-xxx-xxxx
- Must have product code OEA
- Must have documentation of U.S. FDA 510(k) clearance.
- Must have documentation of compliance with American National Standards Institute (AAMI), ANSI/AAMI PB70 showing what level they meet: 1, 2, 3, or 4.
- Must have two head straps to hold the facepiece to the head. Earloops are not acceptable for respirators.
- Must contain no natural rubber latex
- Must have National Institute for Occupational Safety and Health (NIOSH) Certification (These are formatted TC-84A-xxxx.)
### Identified Resource Specifications

<table>
<thead>
<tr>
<th>Resource</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Behavior and Social Sciences</td>
<td>Yes</td>
</tr>
<tr>
<td>N95 Respirators</td>
<td>Yes</td>
</tr>
<tr>
<td>Surgical Gowns</td>
<td>Yes</td>
</tr>
<tr>
<td>Isolation and Surgical Gowns</td>
<td>Yes</td>
</tr>
<tr>
<td>Powered Air Purifying Respirator (PAPR)</td>
<td>Yes</td>
</tr>
<tr>
<td>Ventilators</td>
<td>Yes</td>
</tr>
<tr>
<td>Viral Testing Media</td>
<td>Yes</td>
</tr>
<tr>
<td>Swabs</td>
<td>Yes</td>
</tr>
<tr>
<td>Examination Gloves</td>
<td>Yes</td>
</tr>
<tr>
<td>Hand Sanitizer</td>
<td>Yes</td>
</tr>
<tr>
<td>Surface Wipes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

#### Notes

- N95 Respirators and Surgical Gowns must be listed in NIOSH's list of Preferred Products.
- Swabs must be FDA approved.
- Examination Gloves must be manufactured in an FDA registered facility.
- Hand Sanitizer must be manufactured in an FDA registered facility.
- Surface Wipes must contain no natural rubber latex.
- Isolation and Surgical Gowns must be shelf-stable (i.e., no refrigeration requirements).
- Powered Air Purifying Respirator (PAPR) must be shelf-stable.
- Ventilators must be shelf-stable.
- Viral Testing Media must be shelf-stable.
- Swabs must be shelf-stable.

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### List of Swabs

- **BD Oropharyngeal swabs:** 220250
- **BD Nasopharyngeal swabs:** 220251 and 220252
- **Copan Nasopharyngeal swabs:** 503CS01, 518CS01, 501CS01, 502CS01
- **Puritan Nasopharyngeal swabs:** 25-3317-H, 25-1406 1PF 50f, 25-800 1PD

- **Covidien**: 220-3729, 220-3730, 220-3731, 220-3732
- **Fisher Scientific**: 27090-0000, 27090-0001, 27090-0002
- **Spectrum Labs**: 27090-0003, 27090-0004, 27090-0005
- **Spectrum Labs**: 27090-0006, 27090-0007, 27090-0008

#### Additional Information

- **Swabs**:
  - **VTM / Universal Transport**: only
  - **Puritan**: UT-367; UT-316; UT-317
- **Spectrum Labs**: 27090-0009, 27090-0010, 27090-0011
- **BD**: 220-3733, 220-3734, 220-3735, 220-3736
- **Fisher Scientific**: 27090-0012, 27090-0013, 27090-0014
- **Spectrum Labs**: 27090-0015, 27090-0016, 27090-0017

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### List of Surgical Gowns

- **Surgical Gowns**
- **Surgical Masks**
- **Respirators**

#### Notes

- Surgical Gowns must be manufactured in a FDA registered facility and have FDA 510(K) clearance.
- Surgical Masks must be N95 Respirator with Antimicrobial/Antiviral or N99 Respirator.
- Respirators must be Disposable Respirators (N95, N99, N100, R95, P95, P99).
Preferred Face Shields include:

- Treated for anti-glare, anti-fog, and/or anti-static
- FDA registered
- Marking “D3” for splash or droplet protection.

Examples of product SKUs:

- • FYI: nasopharyngeal (NP) preferred, other types acceptable; should be completely protected from skin with mask fabric.
- • Fisher Healthcare Oropharyngeal swabs: 23600950, 23600957, 1490641**
- • BD Nasopharyngeal swabs: 220252 and 220251
- • Copan Nasopharyngeal swabs: 503CS01, 518CS01, and 501CS01, 502CS01
- • Puritan Nasopharyngeal swabs: 25-3317-H, 25-1406 1PF 50f, 25-800 1PD** and 25-800 1PD BT**
- • BD Brand: 220222, 220526, 220527, 220529, 220531 (all are described in the table below)

Isolation Gowns

- Be medical grade
- Be FDA registered
- Contain 60% ethanol or 70% isopropanol
- Be powder-free
- Be labeled: “not made with natural rubber latex”.
- Be registered with FDA product code “FYA” for surgical gown or “FYC” for surgical isolation gown.
- Be registered with CDU 614.894.
- Have documentation of U.S. FDA 510(k) clearance.
- Contain no natural rubber latex
- Contain no natural rubber latex
- Be constructed with a minimum of three plies.
- Have test results from an accredited laboratory of testing to ASTM F2100.
- Have test results from an accredited laboratory of testing to ASTM F1862 and ASTM F2299; or EN 14683 or YY0469-2011 for filtration efficiency and fluid resistance and identify whether surgical mask meets level 1, 2, 3, or IIR.
- Be approved by the Association for the Advancement of Medical Instrumentation (AAMI), ANSI/AAMI PB70 showing what level they meet: 1, 2, 3, or IIR.
- Be approved by the American Society for Testing and Materials (ASTM) standard for patient examination material type.
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### Table 1: Acceptable Non-NIOSH Disposable Respirator Classifications in Case of Worker Exposure to Aerosols

<table>
<thead>
<tr>
<th>Respirator Type</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Powered Air Purifying Respirator (PAPR)</td>
<td>Respirators must:</td>
</tr>
<tr>
<td>Respirators Made of Elastomeric Material (Half or Full-Face, Non-Disposable)</td>
<td>Respirators must:</td>
</tr>
<tr>
<td>Respirators Made of Cloth or Paper Material</td>
<td>Respirators must:</td>
</tr>
</tbody>
</table>

### Preferred Goggles include:

- Indirectly vented.
- Be constructed with a minimum of three plies.
- Have minimum dimensions of 17 cm wide by 10 cm high with height through use of pleats.
- Be manufactured in an FDA registered facility

### Examination Gloves

- Be available in sizes: S-XL
- Have a minimum length of 220mm-230mm depending on glove size and be powder-free
- Be manufactured by an FDA registered facility and have FDA 510(K) approval
- Be constructed with a minimum of three plies.
- Have standard penetration resistance to ASTM F354-16
- Have an efficiency of at least 99%
- Have a fluid resistance of at least 300mm
- Have a durability of at least 15 cycles

### Face Shields (Disposable and Reusable)

- Be manufactured in FDA registered facility.
- Have a minimum length of 220mm-230mm depending on glove size and be powder-free
- Be manufactured by an FDA registered facility and have FDA 510(K) approval
- Be constructed with a minimum of three plies.
- Have standard penetration resistance to ASTM F354-16
- Have an efficiency of at least 99%
- Have a fluid resistance of at least 300mm
- Have a durability of at least 15 cycles

### Surgical Gowns

- Be manufactured by an FDA registered facility and have FDA 510(K) approval
- Be constructed with a minimum of three plies.
- Have standard penetration resistance to ASTM F354-16
- Have an efficiency of at least 99%
- Have a fluid resistance of at least 300mm
- Have a durability of at least 15 cycles

### Coveralls (Hospitals and EMS)

- Be manufactured by an FDA registered facility and have FDA 510(K) approval
- Be constructed with a minimum of three plies.
- Have standard penetration resistance to ASTM F354-16
- Have an efficiency of at least 99%
- Have a fluid resistance of at least 300mm
- Have a durability of at least 15 cycles

### Surgical Masks

- Be manufactured in an FDA registered facility
- Have a minimum length of 220mm-230mm depending on glove size and be powder-free
- Be manufactured by an FDA registered facility and have FDA 510(K) approval
- Be constructed with a minimum of three plies.
- Have standard penetration resistance to ASTM F354-16
- Have an efficiency of at least 99%
- Have a fluid resistance of at least 300mm
- Have a durability of at least 15 cycles

### Respiratory Protection Devices

- Be manufactured in an FDA registered facility
- Have a minimum length of 220mm-230mm depending on glove size and be powder-free
- Be manufactured by an FDA registered facility and have FDA 510(K) approval
- Be constructed with a minimum of three plies.
- Have standard penetration resistance to ASTM F354-16
- Have an efficiency of at least 99%
- Have a fluid resistance of at least 300mm
- Have a durability of at least 15 cycles

### Hand Sanitizer

- Contain 60% ethanol or 70% isopropanol
- Have a minimum length of 220mm-230mm depending on glove size and be powder-free
- Be available in sizes: S-XL
- Be manufactured by an FDA registered facility and have FDA 510(K) approval
- Be constructed with a minimum of three plies.
- Have standard penetration resistance to ASTM F354-16
- Have an efficiency of at least 99%
- Have a fluid resistance of at least 300mm
- Have a durability of at least 15 cycles

### Swabs

- Be manufactured by an FDA registered facility and have FDA 510(K) approval
- Be constructed with a minimum of three plies.
- Have standard penetration resistance to ASTM F354-16
- Have an efficiency of at least 99%
- Have a fluid resistance of at least 300mm
- Have a durability of at least 15 cycles