

Specifications for Particulate Respirators
(N95, FFP2, FFP3, KN95, P2, DS 2 Japan, Korea 1st Class)

1. Filtering efficiency: More than 95% for N95 NIOSH standards, Chinese KN95, DS 294% for FFP2, P2, Korea 1st Class
2. Aluminium nose clip for better fit
3. Nose clip should be adjustable
4. Preferably in a shape that will not collapse easily
5. Good breathability
6. Preferably two pre-attached elasticated straps, fitting
 - I. around top of the head and around base of the head
 - II. ultrasonically bonded to the mask, no staples are used

7. Different sizes should be available
8. Individual packing preferred
9. Samples should be available for evaluation
10. Expiry - More than three years indicated
11. Approved by National Institute of Occupational Safety and Health (NIOSH), USA or Quality compliant with standards for particulate respirators: e.g. NIOSH N95, EN 149 FFP2, or equivalent
12. Fluid resistance: minimum 80 mmHg pressure based on ASTM F1862, ISO 22609, or equivalent
13. Documentary evidence of:
 - I. requested specifications together with pictures of the mask should be provided via manufacturer
 - II. literature in English language
 - III. proof of Certification e.g. NIOSH, EN, China GB certificate

14. Individual filtering face piece respirators are required to have the following markings:

- I. The manufacturer's name / logo of the company
- II. Following certifications in block letters
 - N95 (United States NIOSH-42CFR84)
 - FFP2/3 (Europe EN 149-2001)
 - KN95 (China GB 19083)
 - P2 (Australia/New Zealand AS/NZA 1716:2012)
 - Korea 1st Class (Korea KMOEL2017-64)
 - DS 2 Japan (JMHLW-Notification 214, 2018)
- III. NIOSH or EN or KN95 testing and certification approval number, e.g. TC-84A-XXXX.
- IV. Filter series and filter efficiency level e.g.N95, FFP2
- V. Model number or part number: The approval holder's respirator model number or part number, represented by a series of numbers or alphanumeric markings, e.g. 8577 or 8577A.
- VI. Recommends the lot number and / or date of manufacture also be included, however, this is not mandatory

15. Fit testing should be available