

MASK BIBLIOGRAPHY

1. Belkin, N: Use of scrubs and related apparel in health care facility, Am J Infect Control, 1997, 25:401-4
2. Belkin, N: Home laundering of soiled surgical scrubs: surgical site infections and the home environment. Am J Infect Control 2001 29:58.
3. Belkin, N: AORN J May 2008 87(5): 905 Letter to editor about home laundering; same journal, response by Joan Blanchard same date.
4. CDC NIOSH approved N95 particulate filtering facepiece respirators, https://www.cdc.gov/niosh/npptl/topics/respirators/disp_part/n95list1.html
5. CDC Home Laundering of Scrubs (2016)(web page as of Mar 2020: "Experts are divided regarding the practice of transporting clothes worn at the workplace to the healthcare worker's home for laundering. Although OSHA regulations prohibit home laundering of items that are considered personal protective apparel or equipment (e.g., laboratory coats),⁹⁶⁷ experts disagree about whether this regulation extends to uniforms and scrub suits that are not contaminated with blood or other potentially infectious material. Health-care facility policies on this matter vary and may be inconsistent with recommendations of professional organizations.^{1253, 1254"} <https://www.cdc.gov/infectioncontrol/guidelines/environmental/background/laundry.html>
6. EPA: Commercially common proprietary metrics (FPR); technical summary indoor air cleaners, epa (2018); <https://www.epa.gov/indoor-air-quality-iaq/what-merv-rating-1>

MERV Rating	Average Particle Size Efficiency in Microns
1-4	3.0 - 10.0 less than 20%
6	3.0 - 10.0 49.9%
8	3.0 - 10.0 84.9%
10	1.0 - 3.0 50% - 64.9%, 3.0 - 10.0 85% or greater
12	1.0 - 3.0 80% - 89.9%, 3.0 - 10.0 90% or greater
14	0.3 - 1.0 75% - 84%, 1.0 - 3.0 90% or greater
16	0.3 - 1.0 75% or greater

HEPA is a type of pleated mechanical air filter. It is an acronym for "high efficiency particulate air [filter]" (as officially defined by the U.S. Dept. of Energy). This type of air filter can theoretically remove at least 99.97% of dust, pollen, mold, bacteria, and any airborne particles with a size of 0.3 microns (µm)

7. Commercial sites: MRV 13 comparable to FPR 13 and MPR 1500-1900
8. Ha'eri GB, Wiley AM: The efficacy of standard surgical face masks: an investigation using "tracer particles", Clin Orthop Relat Res, 1980 May;(148):160-2.

9. Jerkovich, P: Rationale for home laundering of scrub attire AORN J 1999 69:1024-5.
10. Jerkovich: Home- versus hospital-laundered scrubs: a pilot study. Am J Mat Child Nurs 2004; 29(2):106-110. No difference found in home laundered and hospital laundered scrubs (both grew nothing).
11. [Mitchell NJ](#)¹, [Hunt S](#): Surgical face masks in modern operating rooms--a costly and unnecessary ritual? J Hosp Infect. 1991 Jul;18(3):239-42.
12. NIOSH Mining Publication: Comparison of MERV 16 and HEPA Filters for Cab Filtration of Underground Mining Equipment. Testing showed that, at the 95-percent confidence level, there was no statistical difference between the efficiencies of the two types of filters on the two kinds of mining equipment. MERV 16 and hepa comparison; <https://www.cdc.gov/niosh/mining/works/cover sheet1936.html>
13. NIOSH S 84.179: N95 respirator mask filters 95% of matter 0.3 u or larger; <https://www.govinfo.gov/content/pkg/CFR-2004-title42-vol1/xml/CFR-2004-title42-vol1-part84.xml#seqnum84.2>
14. [Ritter MA](#), [Eitzen H](#), [French ML](#), [Hart JB](#): The operating room environment as affected by people and the surgical face mask, Clin Orthop Relat Res, 1975 Sep;(111):147-50.
15. US Dept Health and Human Services NIOSH study: report to congress on worker's home contamination study, Sept 1995.