



Mask Effectiveness

Percent of $<.3$ microns filtered out

N-95	95%
Surgical Mask	60-80%
Origami Vacuum Bag	60-87%
Quilting Fabric, 2 layer	70-79%
Furnace Filter, 2 layer	75%
Pillow Case, 600 ct, 4 layer	60%
Pillow Case, 600 ct, 2 layer	22%
Coffee Filters	40-50%
Wool Scarf, 4-layer	49%
Wool Scarf, 2-layer	21%
Cotton Bandana, 4 layer	20%
Cotton Bandana, 2 layer	18%
No face covering	0%

SOURCE: NEW YORK TIMES ARTICLE APRIL 5, 2020 CITING RESEARCH FROM MISSOURI UNIVERSITY, WAKE FOREST BAPTIST HEALTH, UNIVERSITY OF VIRGINIA