

# FACE MASKS

## HOW MANY MASKS DO I NEED PER WEEK?

### Formula:



Employees

X



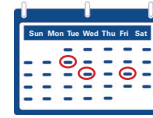
Masks  
per Employee  
per Shift

X



Number of Shifts

X



Work Days  
per Week

=



Total Masks  
per Week

## FACTORS THAT CAN AFFECT MASK PURCHASE FREQUENCY

### Mask Purchase Considerations:

- **Working Environment:** Hot, sweaty, humid, and dirty environments typically shorten mask life span and increase frequency of mask changes.
- **Cross Contamination:** Employee touching of the face, mask, and other surfaces throughout the day increase need to change masks more frequently.
- **Disposal Mentality:** A disposable approach to PPE is common among many employees. Masks that are misplaced or thrown away will require additional masks.
- **Observe:** Watch the unique needs of each work station and observe employee mask behaviors. Adjust daily mask needs accordingly.
- **Reuse:** Cloth masks can be washed and reused by employees. Masks taken home to be washed raises the likely hood that it will not return with the employee the next day. A supply of additional washable and disposable masks should be maintained on-site for employees
- **Individual Concerns:** Each employee will deal with the risk of COVID-19 in different ways. Regarding mask usage, some employees will change out masks more frequently than others. Build a safety factor into your purchase and track usage over time.

### Additional Concerns With Added Mask Usage:

- **Dispensing:** Masks should be placed where the employees can access them easily, quickly and with hand sanitation nearby. Do not create a bottle neck and compromise social distancing.
- **Disposal:** Place garbage cans near dispensing stations, restrooms, breakrooms and entry and exit locations for the facility so PPE can be disposed of properly.
- **Fatigue:** The use of masks will increase respiratory stress and fatigue. Some solutions include additional breaks, hydration stations, increased air circulation, and pre-shift stretches.

	Cloth Face Masks	3-Ply Face Masks	3-ply Medical Face Mask	KN95 Face Mask (China)	FFP2 Face Mask (European)	N95 Respirator (US)
<b>Testing and Approval</b>	None	None	Food and Drug Administration (FDA) and ASTM Standards for Medical Masks.	China: GB2626- 2006 and 2019	Europe: EN 149:2001	NIOSH Approved 42 CFR Part 84
<b>Intended Use</b>	Basic COVID-19 face mask requirements	Basic COVID-19 face mask requirements	Health care environments provides protection from bodily fluid exposure. Patient protection from the respiratory emissions	Reduces exposure to small particulates, aerosols, and droplets in the air.	Reduces exposure to small particulates, aerosols, and droplets in the air.	Reduces exposure to small particulates, aerosols, and droplets in the air.
<b>Leakage</b>	Significant leakage around mask edge	Significant leakage around mask edge	Significant leakage around mask edge	Minimal leakage around mask edge.	Minimal leakage around the edge.	Minimal leakage around the edges of the respirator.
<b>Washable Vs. Disposable</b>	Washable	Disposable	Disposable	Disposable	Disposable	Disposable
<b>Must Be Clean Shaven</b>	No	No	No	Yes	Yes	Yes
<b>Who does it protect with regards to COVID-19</b>	People Near	People Near	People near	People near and wearer	People near and wearer	People near and wearer

FDA Approved-The U.S. Food and Drug Administration (FDA) is responsible for regulating medical devices used to diagnose, prevent and treat COVID-19, such as diagnostic tests, ventilators, and personal protective equipment (PPE) -- including surgical masks, face shields, respirators, gowns, and gloves.

ASTM Medical Face Mask Performance - Healthcare workers wear face masks to prevent germs from their noses and mouths from passing to the patient as well as to protect themselves from infection.