

Production of Disposable Surgical and Medical Face Mask

Description:

Production of Disposable Surgical and Medical Face Mask. Single-Use Surgical and Procedure Masks Manufacturing Project

Surgical face masks are worn by health care professionals during surgery or while tending to patients in order to avoid contact with bacteria shed in the form of liquid droplets and aerosols from the mouth and nose or infectious blood and body fluids. Surgical face masks are used as a protective barrier to prevent cross-contamination among patients and surgeons. They are made mostly from non-woven fabric and are available in the two-layer and three-layer form. The layers are ultrasonically welded for efficient bacterial filtration. Bacterial filtration efficiency (BFE) is the effectiveness of the surgical mask material to filter bacteria of a specified particle size. Particle filtration efficiency (PFE) is the effectiveness of a material to filter aerosol particles. Both BFE and PFE are expressed as a percentage of a quantity that does not pass through the material of the surgical mask.

Surgical face masks are used in operation theatres and every area of health care that requires patient inspection. Rise in awareness regarding airborne infections has led to an increase in usage of surgical face masks in not only large health care facilities but also smaller ones across the world. The usage of surgical face masks has increased among the general public owing to the rise in outbreaks of airborne diseases in recent times. The inevitable use of surgical face masks and lower threat of their substitutes are expected to propel the global surgical face masks market during the forecast period. However, surgical face masks do not protect the wearer from inhaling airborne bacteria or viruses and are less effective than respirators. Respirators provide better protection than surgical face masks due to their design and tight sealing over the face. Substitution by respirators is estimated to restrain the global surgical face mask market during the forecast period.

For more details download PDF file.

Keywords: Surgical Face Masks Manufacturing, How to Manufacture Disposable Surgical Mask, Disposable Face Mask Making Unit, Surgical Mask Making Business, Surgical Mask Manufacturing Process, Disposable Surgical Face Mask Manufacture, Medical and Surgical Disposable Products, Disposable Masks Manufacture, Manufacturing Process of Surgical Mask, Surgical Mask Production, Manufacturing of Surgical Masks, Medical Mask Manufacture, Production of Surgical and Medical Mask, Disposable Surgical Face Mask Produc

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