



PASSION. PARTNERSHIP. POSSIBILITIES.

FACE MASKS



Providing you with a reliable selection in Protection

Selecting the appropriate mask for a procedure or situation is a critical component to personal protection. DUKAL offers 3 levels of protection to provide valuable options for both the healthcare worker and patient based on procedure, type of protection needed, and personal preference.

Important Terminology:

BFE (Bacterial Filtration Efficiency) measures the percent efficiency at which the face mask filters bacteria passing through the mask.

PFE (Particulate Filtration Efficiency) measures the percent efficiency at which the face mask filters particulate matter passing through the mask.

Delta P (AP) (Breathability) is the pressure drop across a facemask, expressed in mm water/cm³/₄. The higher the Delta P, the more difficult the mask is to breathe through.

Fluid Resistance is defined as the ability of a facemask's material construction to minimize fluids from traveling through the material and potentially coming into contact with the user of the facemask. Fluid resistance helps reduce potential exposure to blood and body fluids caused from splashes, spray, or spatter.

Flame Spread is the measure of a material's propensity to burn rapidly and spread flames.

FOR YOUR SAFETY

Facemasks are not intended to be used more than once. If your mask is damaged or soiled, or if breathing through the mask becomes difficult, you should remove the facemask, discard it safely, and replace it with a new one. To safely discard your mask, place it in a plastic bag and put it in the trash. Wash your hands after handling the used mask¹.

1. <http://www.fda.gov/MedicalDevices/ProductsandMedicalProcedures/GeneralHospitalDevicesandSupplies/PersonalProtectiveEquipment/ucm055977.htm>

Procedure Masks



Description

A general use mask designed for light protection

Features & Benefits

- BFE of > 97%
- 3-ply filtration
- Pleated construction to allow user to expand mask to proper fit

Suggested Uses:

- Short procedures that do not produce fluid, spray, or aerosols
- General patient care and isolation

Item	Description	Packaging
Non-Sterile - Latex Free		
1530	Ear Loop, Blue	50/bx, 6 bx/cs
1531	Ear Loop, Yellow	50/bx, 6 bx/cs



Surgical Masks



Protect Yourself...

- Surgical masks are used as a physical barrier to protect the user from exposure to fluid, spray, and aerosols

Protect the Patient...

- Surgical masks protect other people against contamination from the person wearing the mask by trapping particles or fluid expelled by the one wearing the mask



Surgical Masks

- Tie or elastic earloop
- BFE \geq 98%
- Breathable 3-ply construction
- Flexible nosepiece for an adjustable fit



Anti-Fog Surgical Mask

- BFE \geq 98%
- Breathable 3-ply construction
- Flexible nosepiece for an adjustable fit
- Coated anti-fog film strip



Surgical Mask with Fluid Shield

- Anti-fog treated plastic to protect eyes from particles or splattered fluids
- BFE \geq 98%
- Elastic earloops
- Flexible nosepiece for an adjustable fit
- Breathable 3-ply construction

Possible Contraindications:

Surgical masks are not designed or certified to prevent the inhalation of small airborne contaminants. These particles are not visible to the naked eye but may still be capable of causing infection. Surgical masks are not designed to seal tightly against the user's face. During inhalation, much of the potentially contaminated air can pass through gaps between the face and the surgical mask and not be pulled through the filter material of the mask. Their ability to filter small particles varies significantly based upon the type of material used to make the surgical mask, so they cannot be relied upon to protect workers against airborne infectious agents².

2- <http://www.osha.gov/Publications/respirators-vs-surgicalmasks-factsheet.html>

ASTM³ Protection:

Fluid Resistant	ASTM F1862-05	
PFE	ASTM 2299	≥ 98 % @ .1um
BFE	ASTM F2101-01 ASTM 2100-04	≥ 98%
Delta P	ASTM F2101-01 MIL-M 36945C 4.4.1.1.1 Method 1	2.28 mmH ₂ O/cm ²
Flammability	16 CFR Part 1610	Class 1 No Flame Spread

3 – Protection Levels based on ASTM standards (American Society for Testing and Materials)

4 - DUKAL Corporation does not imply that these products will fully protect against infectious diseases and the employer is required by OSHA to select the appropriate masks for specific anticipated exposure

Item	Description	Packaging
Non-Sterile - Latex Free		
1540	Tie, Blue	50/bx, 6 bx/cs
1541	Ear Loop, Blue	50/bx, 6 bx/cs
1542	Ear Loop, Yellow	50/bx, 6 bx/cs
1550	Anti-Fog, w/Tie, Blue	50/bx, 6 bx/cs
1560	Fluid Shield, w/Ear Loop, Blue	25/bx, 8 bx/cs

N95 Respirator Masks



Description

Respirator/Surgical masks that meet NIOSH and CDC guidelines for protection against airborne pathogens

Features & Benefits

- Designed to reduce wearer exposure to airborne disease and meet CDC guidelines for tuberculosis⁴ exposure control
- Filter efficiency of 95% or greater against particulate aerosols free of oil
- Particle Filtration Efficiency (PFE) of > 99%
- Bacterial Filtration Efficiency (BFE) of $\geq 99.9\%$
- Available in a variety of styles

ASTM³ Protection:

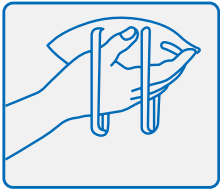
Fluid Resistant	ASTM F1862-05	
PFE	NIOSH Certification TC 84A-4332 TC 84A-4335 TC 84A-4336	$\geq 99\%$
BFE	ASTM F2101-01 ASTM F2100-04	$\geq 99.9\%$
Delta P		NIOSH Certification
Flammability	16 CFR Part 1610	Class 1 No Flame Spread

3 - Protection Levels based on ASTM standards (American Society for Testing and Materials)

4 - DUKAL Corporation does not imply that these products will fully protect against infectious diseases and the employer is required by OSHA to select the appropriate masks for specific anticipated exposure

Fitting Instructions:

To be followed each time respirator is worn



1. Prestretch top and bottom straps before placing respirator on the face.



2. Cup the respirator in your hand, with the nosepiece at your fingertips, allowing the head bands to hang freely below your hand.



3. Position the respirator under your chin with the nosepiece up. Pull the top strap over your head resting it high at the top back of your head. Pull the bottom strap over your head and position it around the neck below the ears.



4. Place your fingertips from both hands at the top of the metal nosepiece. Using two hands mold the nose area to the shape of your nose by pushing inward while moving your fingertips down both sides of the nosepiece. Pinching the nosepiece using one hand may result in improper fit and less effective respirator performance. Use two hands.

5. Perform a User Seal Check prior to each wearing. To check fit, place both hands completely over the respirator and exhale. Be careful not to disturb the position of the respirator. If air leaks around nose, readjust the nosepiece as described in step. If air leaks at the respirator edges, work the straps back along the sides of your head. If you CANNOT achieve a proper fit, DO NOT enter the contaminated / treatment/isolation area. See your supervisor.

USE FOR:

The DUKAL respirator - surgical mask is designed to provide respiratory protection for the wearer. This product provides 95% filter efficiency against solid and non-oil based particulates. It is fluid resistant and may be worn in surgery. This product meets CDC guidelines for mycobacterium tuberculosis and provides > 99% BFE⁵ against wearer generated micro-organisms.

USE LIMITATIONS:

1. This respirator does not supply oxygen.
2. Do not alter abuse or misuse this respirator.
3. Do not use with beards or other facial hair or other conditions that prevent a good seal between the face and the edge of the respirator.

5 -Sodium Chloride aerosol challenge

Item	Description	Packaging
Non-Sterile - Latex Free		
1570	Folded, White, Individually Packaged	20/bx, 20 bx/cs
1571	Cone, White	20/bx, 20 bx/cs
1572	Cone, One-Way Valve, White	5/bx, 20 bx/cs

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products online at:

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