



Protective Surgical Face Mask U & AD Series

Technical Data Sheet



Product Description

Our U & AD series are protective mask designed to cover general user's mouth, nose and chin to assist in preventing the transmission of water droplets or bacteria (with varying degrees) that may be expelled by a wearer.

Filter Penetration and Total Inward Leakage

Test	European Standard EN 14683:2014			USA Standard 21 CFR 807.87 ASTM F2100		
	Type I	Type II	Type IIR	Level 1	Level 2	Level 3
Bacterial Efficiency Test, % (BFE)	≥ 95	≥ 98	≥ 98	≥ 95	≥ 98	≥ 98
Differential Pressure mm H ₂ O/cm ² , Pa/cm ²	< 3.0 <29.4	< 3.0 <29.4	<5.0 <49.0	<4.0 <39.2	<5.0 <49.0	<5.0 <49.0
Sub-micron Particulate Filtration efficiency at 0.1 micron, %	Not Required	Not Required	Not Required	≥ 95	≥ 98	≥ 98
Splash Resistance/ Synthetic Blood Resistance, mmHg Pass Result	Not Required	Not Required	120 (16.0 kPa)	80	120	160
Flame Spread	Not Required	Not Required	Not Required	Class 1	Class 1	Class 1
Microbial Cleanliness (cfu/g)	≤ 30	≤ 30	≤ 30	Not Required	Not Required	Not Required

Products are classified by bacterial filtration efficiency, splash resistance and microbial cleanliness performance (Type I, Type II and Type IIR), (Level 1, Level 2, Level 3). A full copy of EN 14683:2014(Europe) and 21 CFR 807 ASTM F2100 (USA) can be purchased from your national standards body.

Components and Materials

Component	Material
Outer Layer:	Spunbond Polypropylene Non-Woven
Middle Layer:	Spunbond Polypropylene Non-Woven
Filter Media:	Meltblown (Polypropylene) Nonwoven
Inner Layer:	Super Soft Spunbond Polypropylene Non-Woven
Nose Piece:	Iron Wire with Polyethylene Plastic Coating
Ear Loop:	Latex-Free Synthetic Elastic

Storage and Transportation

Yulwon U & AD Series have a shelf life of 3-5 years from date of manufacture (depending on your country regulations). End of shelf life is marked on the product packaging. Before initial use, always check that the product is within the stated shelf life (use by date).

Product should be stored in a clean dry environment at temperatures that do not exceed 30 C and a relative humidity of less than 80%. Sealing on all packaging should not be opened until use.

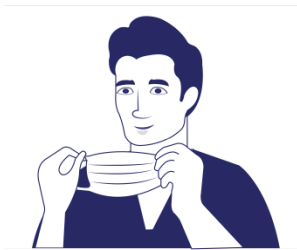
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Warnings and Use Limitations

- Always be sure that the complete product is:
 - Suitable for the application;
 - Fitted correctly;
 - Worn during all periods of exposure;
 - Replaced when necessary
- Single use mask only. Discard mask after use.
- Do not distort or change the shape of the mask.
- Do not touch the surface of the mask while wearing it.
- If breathing is uncomfortable immediately stop wearing and consult a doctor.
- Do not use if packaging is broken.
- If skin rash occurs stop using immediately.
- Do not use with beards or other facial hair that may inhibit contact between the face and the product thus preventing a good seal.
- Before initial use, always check that the product is within the stated shelf life.

Fitting instructions



With clean hands open the flaps of the mask



Place earloops over ears and mask over face



Pull the mask over chin and nose bridge, then bend nose bar firmly over nose.



Ensure the mask fully covers chin and lower face.

Fit Check

1. After initial fit ensure nose bar is bent firmly around nose and mask covers the chin.
2. EXHALE sharply
3. If air leaks around the nose, re-adjust the nose clip to eliminate leakage. Repeat the above seal check.

If you CANNOT achieve a proper fit DO NOT enter the hazardous area.

Disposal

Used and/or contaminated products should be disposed of carefully ensuring not to touch the front surface of the mask. Holding the two earloops remove the mask and immediately dispose in a sealed rubbish bin or contaminated waste bin as per national regulations.

Marking



Single Use Only, Not Reusable



Do Not Use if Packaging is Broken



Product is Not Sterile



Do Not Dispose Product in Lavatory



Temperature Range



Do Not Get Wet



Keep Out of Direct Sunlight

Approvals The Certificate and Declaration of Conformity available at the following website:

Made in South Korea, in an ISO 9001:2008 certified plant.

Important Notice

Before any use of this product it is recommended to complete some trials to validate the performance of the product within its expected application. All information and specification details contained within this document are inherent to this specific Yulwon product and would not be applied to other products or environment. Any action or usage of this product made in violation of this document is at the risk of the user. Compliance to the information and specification relative to the Yulwon product contained within this document does not exempt the user from compliance with additional guidelines (safety rules, procedures). Yulwon Co. Ltd. (which cannot verify or control those elements) would not be held responsible for the consequences of any violation of these rules which remain external to its decision and control. Warranty conditions for Yulwon products are determined with the sales contract documents and with the mandatory and applicable clause, excluding any other warranty or compensation.