

# Scoop

THE LATEST TRENDS, SERVICES & PROMOTIONS

HARDLINES

AUGUST 2022

## Quality Control for Medical Face Mask: Our Comprehensive Solution

Putting on a face mask has become part of our routine. It's one of the preventive measures, along with regular handwashing and social distancing, that people worldwide have adopted to help slow the spread of the coronavirus.

And while face masks are not hard to get your hands on these days, thanks to a whole raft of mask manufacturers and start-up brands here in Hong Kong, it's still important to choose the right one for you, whether it's the functionality or appearance.



Providing a one-stop shop, SGS' global network of PPE experts and accredited laboratories can ensure the compliance of face masks and PPE products with testing and certification requirements, help with technical files and coordinate with Notified Bodies for EC type examinations.

In today's market, regulations such as ASTM F2100, EN 14683, and YY 0469 are used to determine the quality and safety of medical face masks.

While terms such as **Bacterial Filtration Efficiency (BFE)** and **Particle Filtration Efficiency (PFE)** are the most commonly sought-after information during purchase, consumers should also be aware of other aspects such as workmanship, microbial cleanliness, and chemical content.

Being a **HOKLAS** & **IAS** accredited laboratory for mask testing services, SGS offers a comprehensive, efficient, and cost-effective testing solutions to ensure compliance with product standards required by the HKSAR government and other overseas bodies, which includes:

TEST PARAMETER	TEST METHOD
<b>Bacterial Filtration Efficiency (BFE)</b>	ASTM F2101
<b>Particle Filtration Efficiency (PFE)</b>	ASTM F2299
<b>Differential Pressure</b>	EN 14683:2019 + AC: 2019 Annex C
<b>Synthetic Blood Penetration</b>	ASTM F1862
<b>Microbial Cleanliness (Bioburden)</b>	EN 14683 Annex D (ISO 11737 Part 1)
<b>Breaking Strength of Junction</b>	GB 19083 (Clause 4.3 & 5.3)
<b>Azo Dye (Natural / Synthetic / natural-synthetic blend fabric)</b>	Annex XVII, Regulation (EC) No.1907/2006 With reference to EN ISO 14362-1/-3: 2017

For more information on this package offer, please visit our e-commerce platform, [TIC Mall](#) or contact one of our Sales Associates for details.

### SGS HONG KONG

#### Sales Team

Mr. Ivan Ching  
t +852 6018 5418 e [Ivan.Ching@sgs.com](mailto:Ivan.Ching@sgs.com)

Ms. Eunice Chan  
t +852 6018 8584 e [Eunice.Chan@sgs.com](mailto:Eunice.Chan@sgs.com)

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