

No.	Mask Brand	Product Name	Model Number	Reference Standard	Standard	Barrier Testing			Safety Testing	Breathability	Tested at SAC Accredited Laboratory
					Performance (Level)	Bacterial Filtration Efficiency (BFE)	Penetration by Particulates (PPE)	Splash Resistance Pressure (kPa)	Flammability	Differential Pressure	
1	WES MEDICAL CARE MANUFACTURING PTE.	3Ply Premium Protective Face Mask for Adult, 3Ply Premium Surgical Face Mask for Adult, 3Ply Premium Surgical Face Mask (Petite / Kids Size), 3Ply Premium Surgical Face Mask for Adult pack of 5s, 3Ply Premium Surgical Face Mask for Kid pack of 5s	77191, 77192, 77193, 77198, 77199	ASTM F2100	2	✓	✓	✓	✓	✓	SetSCO Services Pte Ltd
2	LPY MANUFACTURING (S) PTE LTD	3-Ply Disposable Surgical Mask	-	ASTM F2100	2	✓	✓	✓	✓	✓	SetSCO Services Pte Ltd
3	Calmedix Manufacturing Pte Ltd / CALTEK PTE LTD	Fortify / F1	FF1-20-01	ASTM F2100	1	✓	✓	✓	✓	✓	SetSCO Services Pte Ltd
4	GM NAMEPLATE ASIA PTE LTD	Fortify / F2	FF1-20-02	ASTM F2100	1	✓	✓	✓	✓	✓	SetSCO Services Pte Ltd
5	ORTHONE INC	Disposable Surgical Mask	PEP-092	ASTM F2100	3	✓	✓	✓	✓	✓	SetSCO Services Pte Ltd
6	EGIS NANOTECH PTE LTD	Orthone Medical Grade	-	ASTM F2100	2	✓	✓	✓	✓	✓	SetSCO Services Pte Ltd
7	YEAP MEDICAL SUPPLIES PTE LTD / ASSURE Surgical Mask	DUNAMIS L2 Surgical Mask	-	ASTM F2100	2	✓	✓	✓	✓	✓	SetSCO Services Pte Ltd
7	YEAP MEDICAL SUPPLIES PTE LTD / ASSURE Surgical Mask	3-Ply Surgical Mask	7M-055-E	ASTM F2100	3	✓	✓	✓	✓	✓	SetSCO Services Pte Ltd

Medical face masks specified in this ASTM standard are classified into three levels (Level 1, Level 2 and Level 3) according to bacterial filtration efficiency, differential pressure, particulate filtration efficiency, resistance to pressure by synthetic blood, and flame spread.

Level 1 - Ability to capture sub-micron particles (≥95%), resistance to penetration by synthetic blood at the minimum velocity (ASTM F1862), bacterial filtration efficiency (≥95%), differential pressure (≤5.0mmH₂O/cm²) and flammability class 1 (≥3.5 seconds)

Level 2 - Ability to capture sub-micron particles (≥98%), resistance to penetration by synthetic blood at the middle velocity (ASTM F1862), bacterial filtration efficiency (≥98%), differential pressure (≤6.0mmH₂O/cm²) and flammability class 1 (≥3.5 seconds)

Level 3 - Ability to capture sub-micron particles (≥98%), resistance to penetration by synthetic blood at the maximum velocity (ASTM F1862), bacterial filtration efficiency (≥98%), differential pressure (≤6.0mmH₂O/cm²) and flammability class 1 (≥3.5 seconds)

The sampling is based on ANSI/ASQC Z1.4

* AQL 4% for BFE, PFE, Delta P

* 32 masks for Synthetic Blood

* 14 masks for Flammability