

ASTM F2100-11 Required Performance Level and HEIWA MEDIC 3D Face Mask Performance Level

Test Description	Level 1	Level 2	Level 3	Heiwa 3D Face Mask
Bacterial Filtration Efficiency (BFE)	≥ 95%	≥ 98%	≥ 98%	99% Filtration performance exceeding LEVEL 3
Submicron Particle Filtration Efficiency (PFE)	≥ 95%	≥ 98%	≥ 98%	99% Filtration performance exceeding LEVEL 3
Delta P - Differential Pressure, mmH ₂ O/cm ²	<4.0	<5.0	<5.0	3.0 Ensure sufficient ventilation
Fluid Resistance with synthetic blood, mmHg	80	120	160	160 Liquid protection equivalent to LEVEL 3
Flammability	Class 1	Class 1	Class 1	Class 1 Flammability comply with Class 1

Tested by KAKEN TEST CENTER General Incorporated Foundation.