



Technical Data Sheet

Item# CH7001 Blue 3-Ply Face Mask

Product code	Description	Shelf Life	Product Picture
CH7001	Face Mask, Disposable, 3-layer, Earloop, Blue, Type IIR (EN 14683:2019)	2 years	 

Key Materials

Parts	Material
Inner layer, touching face	hydrophobic non-woven fabric, 25gsm, white
Filter layer	melt-blown fabric, 25gsm, white
Outer layer	hydrophobic non-woven fabric, 25gsm, light blue
Nose clip	Galvanized iron
Earloop	polyamide and spandex, latex free

Item #	Description	LV1 UOM	LV2 UOM	Manufacturer
CH7001	3-Ply Face Mask	50pc/bx 40pk/cs	1,000pc	CHD

Product Dimension

Parts	Dimension
Main body, folded	17.5cm x 9.5cm (± 0.5 cm)
Main body, unfolded	17.5cm x 15.5cm (± 0.5 cm)
Nose clip	10.5cm (± 0.3 cm)
Earloop	17cm (41cm in elongated length) ± 1 cm

Face Mask shall not disintegrate, split or tear during intended use, which can be fitted closely over the nose, mouth and chin of the wearer and which ensures that the mask fits closely at the sides.

Key Performance

Item	Dimension in cm
Bonding strength (ear loop)	Not less than 10N/5s
BFE	$\geq 99\%$
Breathability/ Differential Pressure	$< 40 \text{ Pa/cm}^2$
Splash Resistance Pressure	$\geq 16 \text{ kPa}$

Biological Performance

Microbial cleanliness (Bioburden) $\leq 30 \text{ cfu/g}$

Biocompatibility matches the requirements of ISO 10993.

Test Results

(Sample Description and Number)	(Test Items)	(Limit)			(Test Results)		(Test Methods)
		Type I	Type II	Type IIR			
R869727L1 Non-Woven Face Mask	(BFE), % Bacterial filtration efficiency(BFE)	≥95	≥98	≥98	No.1 >99.9 No.2 99.5 No.3 99.7 No.4 99.6 No.5 99.7	EN 14683: 2019	
	Pa/cm ² Differential pressure	<40	<40	<60	37.6	EN 14683: 2019	
	kPa Splash resistance pressure	/	/	≥16.0	>16.0	EN 14683: 2019	