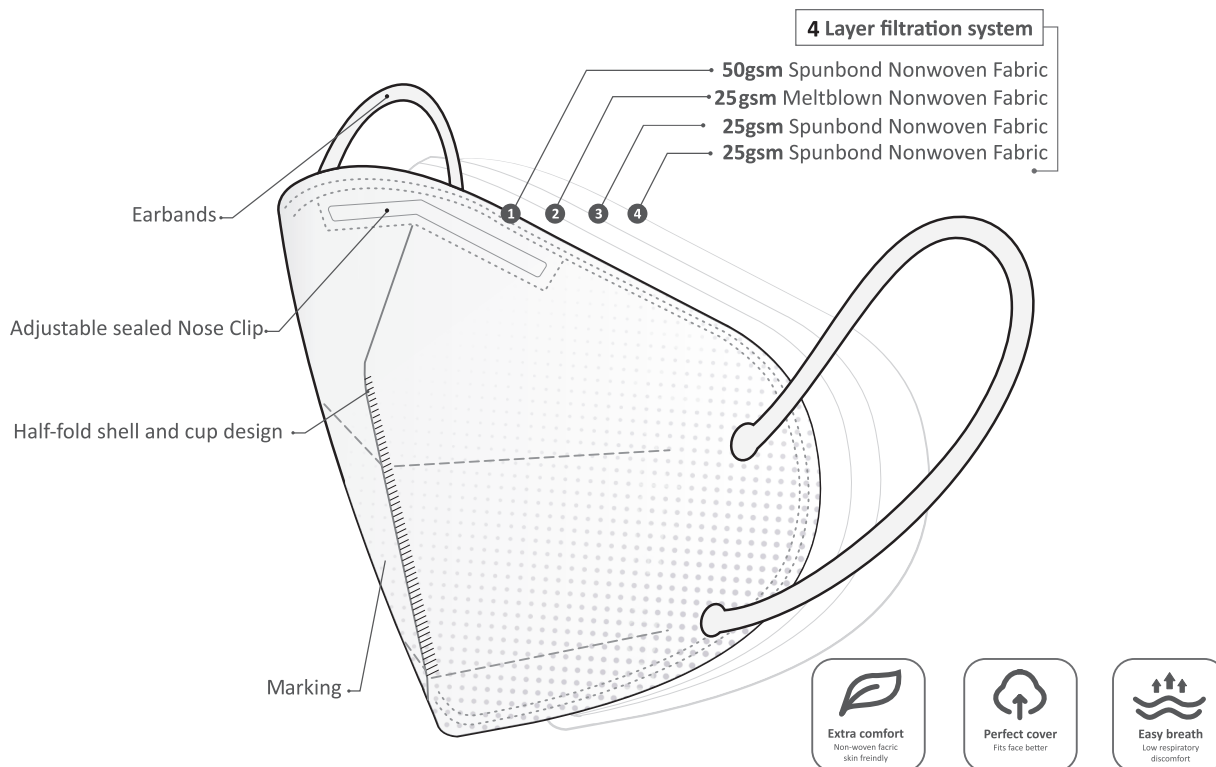


Materials Safety Data sheet MSDS

Baltic Masks, BM – 002 respirator, FFP2 (v1.07)

Protection-class BM-002 Respirator FFP2 is made for environments in which harmful and mutagenic particles can be found in the air we breathe. Respirator masks of this class provide a barrier to at least 95% of particles measuring larger than 0.3 micron and may be used in environments where hazardous substances exceed the OEL by up to a maximum of tenfold concentration. Our filter system, with a two layers of meltblown cloth, protects wearers from unpleasant odours and particles on top of the required breathing protection.



Standard: EN 149:2001+A1:2009; FFP2

Style: Strap behind ears

Filtration efficiency: Above 95% (Equivalent to US N95 and EU FFP2 standard)

Shelf life: Two years

Designation: NR - Non reusable (single shift use only)

Disposal: Used products should be disposed as hazardous waste in accordance with national regulations.

Marking: PPE marking, FFP2NR, CE 1463, EN 149:2001+A1:2009

Materials:

1. 50gsm Spunbond Nonwoven
2. 25gsm Meltblown Nonwoven
3. 25gsm Spunbond Nonwoven
4. 25gsm Spunbond Nonwoven

Mask weight: 4 grams

Valve:No

12/5/2020

Materials Safety Data sheet MSDS

Baltic Masks, BM – 002 respirator, FFP2 (v1.07)

Meltblown Nonwoven fabric

PARTICLE FILTRATION EFFICIENCY(%)

(YY 0469-2011 5.6.2 AIR FLOW)	30L/min
AEROSOL:	NaCl
AEROSOL CONCENTRATION:	15mg/m ³
MINIMUM:	97.53

BACTERIAL FILTRATION EFFICIENCY(%)

(YY 0469-2011 ANNEX B TEST BACTERIA:	STAPHYLOCOCCUS AUREUS ATCC 6538
TEST AREA:	40cm ²
FLOW RATE:	28.3L/min
MEAN PARTICLE SIZE:	3.0µm
RESULT OF THE POSITIVE CONTROL:	1.812×10 ³
CFU RESULT OF THE NEGATIVE CONTROL:	OCFU) BFE1 - 100.0 BFE2 - 100.0 BFE3 - 99.8

Spunbond Non-woven fabrics

GSM			GSM CV %	Tensile strength N per 5 cm MD			Tensile Strength N per 5cm CD			Thickness	Elongation			Air Permeability	
target	min	max	%	min	max	CV%	min	max	CV%	mm	min	max	CV%	cm ³ /cm ²	sec
23	22	25	7	38	47	10	21	26	15	0.11	50	100	20	150	410
25	23	27	7	41	51	10	22	27	15	0.12	60	110	17	150	380
UV Resistance		Mullen Burst			Degree of Magnetic Permeability					Dielectric constant permittivity					
500hr		KPA			cm/sec					sec -1					
70%		410			0.062					1.8					
70%		380			0.058					1.65					

12/5/2020