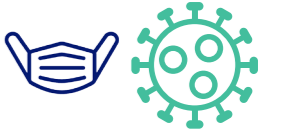


NORMS AND TERMINOLOGY

FOR MASKS AND RESPIRATORS



IDA offers different types of medical face masks / surgical masks and respirators. The table below gives an overview of the applicable norms and terminology per type.

For more information on our products please contact your sales representative or visit our [website](#).

GENERAL DEFINITIONS

Medical/surgical face masks	Loose-fitting mask used by patients or people in non-medical settings (Type I mask) and healthcare professionals (Type II/IIR mask) to prevent or reduce the spread of viruses and bacteria.
Medical respirators	Tight fitting mask filtering airborne particles used by healthcare professionals to protect against viruses and bacteria. This type of mask should be worn in settings where aerosols may be generated.

Surgical Masks	EU norm/terminology	EU approval	Use	WHO norm/terminology	US norm/terminology	China norm/terminology
	EN 14683	MDD directive		Mask, medical/surgical, type II or higher		
	Medical face masks			Surgical mask	ASTM F2100	
Class/level	Type I	MDD directive	Should only be used by patients or people in non-medical settings to reduce the risk of spread of infection, particularly in a pandemic situation. Not to be used in operation rooms or similar medical settings.	Patient	level 1	Medical Face Mask
Class/level	Type II	MDD directive	Intended for healthcare professional in an operating room or similar medical settings	Healthcare worker	level 2	Medical Surgical Face Mask
Class/level	Type IIR	MDD directive	Intended for healthcare professional in an operating room or similar medical settings. Includes splash resistance	Healthcare worker	level 3	Medical Surgical Face Mask
Respirators Non-Medical	EU norm/terminology	EU approval	Use	WHO norm/terminology	US norm/terminology	China norm/terminology
	Respiratory protective device - half masks		May be single use or re-usable		Non-surgical filtering facepiece respirators	
	EN 149		Protection against solid and liquid aerosols		NIOSH	
Class/level	FFP1	PPE directive	80%			
Class/level	FFP2	PPE directive	94%	Respirator, mask, FFP2/N95	N95	KN95
Class/level	FFP3	PPE directive	99%			
Respirators Medical	EU norm/terminology	EU approval	Use	WHO norm/terminology	US norm/terminology	China norm/terminology
	Medical respirator/health-care respirator		May be single use or re-usable		Surgical N95	Medical Protective Respirator
	EN 149		Protection against solid and liquid aerosols		NIOSH-42CFR84 + FDA	
Class/level	FFP2	MDD	94% + fluid resistance ISO 22609 (EU) or F1862 + F2101 (USA)	Respirator, mask, FFP2/N95	N95	KN95*
Class/level	FFP3	MDD	99% + fluid resistance ISO 22609 (EU) or F1862 + F2101 (USA)		N99	

* plus YY/T 0691-2008 for fluid resistance