



MKE nX

Material · Knowledge · Equipment · Export

THE MECHANICS OF MOTEX

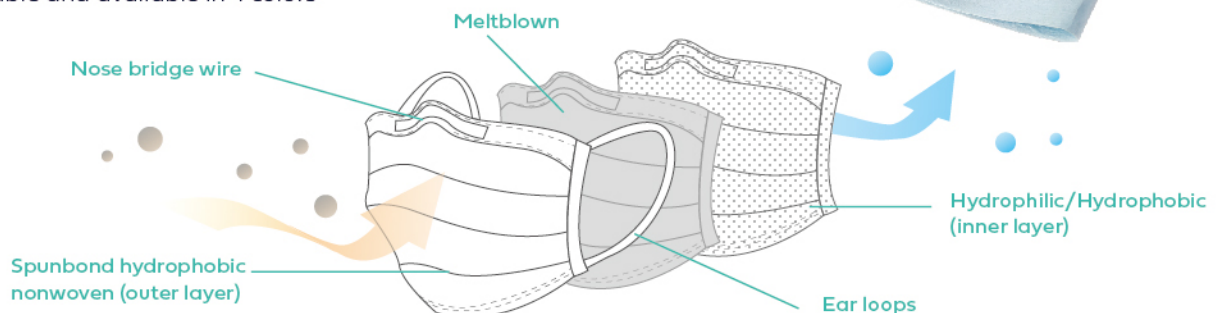
Face Mask Material

All of our finest face mask material are Made in Taiwan

Meltblown

MKE nX's meltblown nonwoven fabric is the key element in face masks that absorbs and filters viruses. It also prevents bacteria from infiltrating through the layer.

- Made from polypropylene (PP)
- High filtration property: BFE (25g/m²) > 99%
- High breathability: DP (25g/m²) < 2.5 mm H₂O/cm²
- Entirely customizable and available in 4 colors
- SGS certified



Spunbond Hydrophobic Nonwoven and Hydrophilic Inner Layer

Characterized by its high resistance to fluids, MKE nX's hydrophobic and hydrophilic fabric makes up the outer and inner layers of face masks.

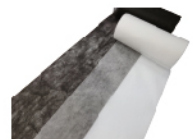
Spunbond Hydrophobic Nonwoven (outer layer)

- Made from polypropylene (PP)
- Waterproof and water-repellent
- Anti-blood penetration
- Available in different colors



Hydrophilic (inner layer)

- Made from polypropylene (PP) or ethylene propylene (EP)
- High water-absorbing properties
- Breathable
- Soft finish and comfortable



Ear Loops

MKE nX's soft and comfortable ear loops are welded on both sides of the face mask. It allows for better protection by closely adhering the mask to the wearer's face.

- Available in nylon or polyester
- High tenacity and low shrinkage
- Soft and comfortable finish
- Available in different colors and diameters



Nose Bridge Wire

MKE nX's transformable plastic wire creates a superb seal around the nose. It prevents moisture from entering or leaving the mask upon wear.

- Made from purified polyethylene (PE)
- Flat and robust
- Highly malleable and easy to adjust without deformation
- Eco-friendly and recyclable
- Also available in single/double wire construct



Face Mask Material



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Meltblown

Material	PP
Colors	White, Black, Grey, Blue
Weight (g/m ²)	15, 20, 25, 30
Width (mm)	175, 200, 225, 250, 260
Length (m/roll)	1000, 1200, 1500, 2000, 2500
BFE (Bacterial Filtration Efficiency)	BFE (25g/m ²) > 99%
DP (Differential Pressure)	DP (25g/m ²) < 2.5mm H ₂ O/cm ²

Please consult with advisor if requirement is not on the list



Spunbond Hydrophobic Nonwoven

Material	PP
Colors	White, Blue, Green, Black, Purple, Yellow, Light Pink, Dark Pink
Weight (g/m ²)	30, 50
Width (mm)	175, 200, 225, 250, 260
Length (m/roll)	1000, 1500, 2000

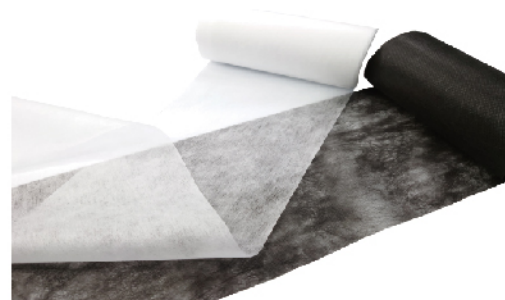
Please consult with advisor if requirement is not on the list



Hydrophilic Inner Layer

Material	PP, EP
Colors	White, Black
Weight (g/m ²)	20, 23
Width (mm)	200
Length (m/roll)	1500, 3000

Please consult with advisor if requirement is not on the list



Ear Loops

Material	Nylon, Polyester
Colors	White, Black, other colors on request
Specifications	White: 3.0mm, 3.8mm, 4.0mm, boxed Black: 3.0mm, boxed

Please consult with advisor if requirement is not on the list



Nose Bridge Wire

Material	PE
Colors	White, Black
Specifications	3.0mm x 0.7mm (width x thickness)

Please consult with advisor if requirement is different (eg. single/double wire)

