

# MAKESHIFT MOUTH-NOSE PROTECTION

Mask obligation – **berger**textiles shows you which products are best suited to your needs. Specifically, we'll go through which materials are suitable for a MMNP, how it is assembled and which instructions you should follow.



## General information

A Makeshift Mouth-Nose protector reduces the risk of transmission of COVID-19 by limiting the distribution of droplets that occur when you speak, cough or sneeze. **berger**textiles offers you materials that can be used to make Makeshift Mouth-Nose masks.

### Please note the following information:

- **berger**textiles underlines that these masks are **not** medically standardized products, but a tool for protecting yourself and others. Therefore **berger**textiles is not liable for any damage or infection when using or processing our textiles.
- The mask must be worn close-fitting. If it starts to collect moisture, i.e. when wearing, the virus barrier is broken more quickly.
- There is no evidence that wearing a mask reduces the risk of infection for healthy people. However it can curb the spread of viruses, because many people do not know whether they already carry the virus.
- Washing hands and keeping your distance, are still the most important measures to avoiding infection or spreading infection further.
- The masks should be changed regularly – as they start to collect moisture from wearing and breathing after 20 to 30 minutes. This may require several masks.
- The mask is only reusable after washing and drying.

## Which bergertextiles material is suitable for a Makeshift Mouth-Nose-Protection?

### 1 layer Mask

No tapes necessary, can be processed with a cutting table, fabrics should be elastic for wearing (fitting better to the face)

Product	Article No.	Layer	Flame retardant	Price per sqm
be.tex® Expandable Premium FR	4468-26-BE	1	Yes	from <b>2,65 €</b>
be.sport Allround Trikot Heavy	61100-1	1	<b>No</b>	from <b>2,21 €</b>



**Without sewing**

### 2 layer Mask / 3 layer Mask

There are 2 options (A/B), with 2 or 3 layers depending on the thickness/density of the material

#### Option A: Fan

Flat with 3 folds standard mask, shape like OP masks, can be manufactured with elastic or firm cords/tapes

#### Option B: Cup

Cup shape is adopted from FFP masks, is well adaptable to face, ideal for spectacle wearers, good for small heads such as children

Product	Article No.	Layer	Flame retardant	Price per sqm
Cotton Canvas 150 FR	167-6	2 max. 3	Yes	from <b>2,53 €</b>
Cotton Canvas 150	167-3416	2 max. 3	<b>No</b>	from <b>1,31 €</b>
Cotton Canvas 200 FR	416	2	Yes	from <b>2,25 €</b>
be.tex® Triple White FR	4244-26-BE	2	Yes	from <b>3,78 €</b>
be.tex® Display 210 FR	4280-26-BE	2	Yes	from <b>2,19 €</b>
be.tex® Bannertex FR	4429-26-BE	2	Yes	from <b>2,59 €</b>



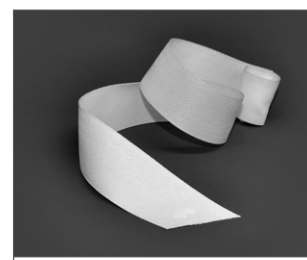
**Option A: Fan**



**Option B: Cup**

The following is suitable for attaching the mask to the head

Product	Article No.	Layer	Flame retardant	Price per rm.
Cotton Belt strong	3533	1	<b>No</b>	from <b>0,16 €</b>



**Fixing**

**Questions? Please talk to us:**

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*All prices mentioned are net prices and are calculated plus the legal value added tax. These are only sample photos. Only while stocks last.*

## Sewing instructions for a washable makeshift mouth-nose protection (MMNP)

### The following materials are required:


2 x 90 cm long and 2 cm wide strips of fabric (cotton belt, cotton ribbon)


2 x 17 cm long and 2 cm wide strips of fabric (cotton belt, cotton ribbon)

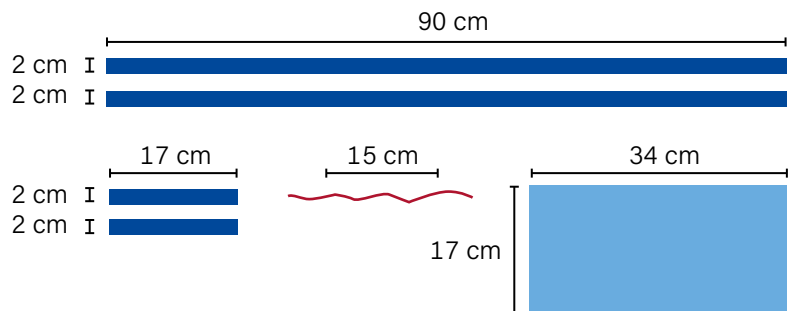
1 x 15 cm long, thin and flexible wire (e.g. craft wire, pipe cleaner, clamp wire of freezer bags)

1 x 17 cm x 34 cm cloth, made of breathable textile (be.tex® Display 210 FR, Deco Molton FR, Cotton Canvas 200 FR)

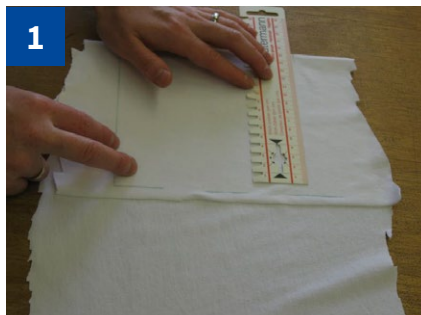
 Breathable textile or binding tape

 Breathable textile

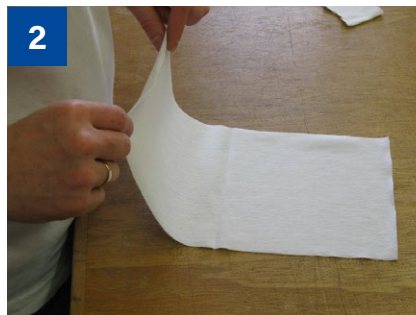
 Wire for fixing in the nose area



### Instructions step by step



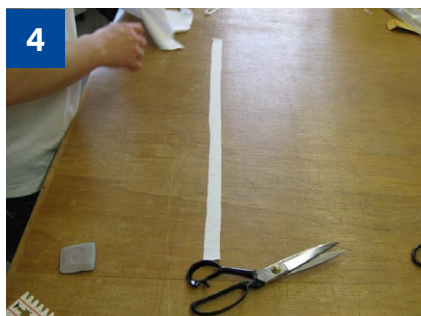
1 Take the 17 x 34 cm breathable textile/cloth (marked and cut-out precisely)



2 Fold the cloth in half and iron the fold, on a medium-high temperature



3 Fold the cloth into 3 "pleats" and iron the folds (pleat depth 1.3 cm)



4 Take your two 90 cm long and 2 cm wide strips (headbands) and two 17cm long and 2 cm wide strips (edge reinforcement) made of cotton fabric.

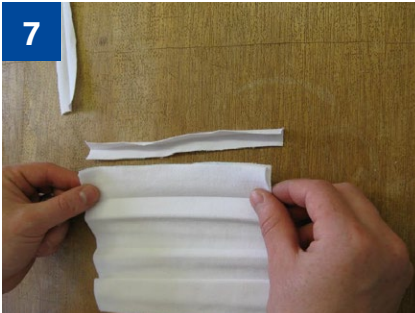


5 Iron all four strips in half (Diagonal stripes)

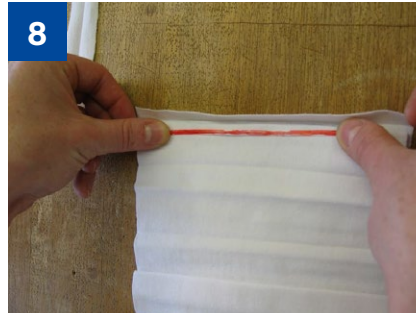


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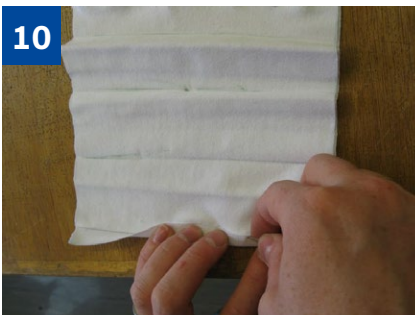




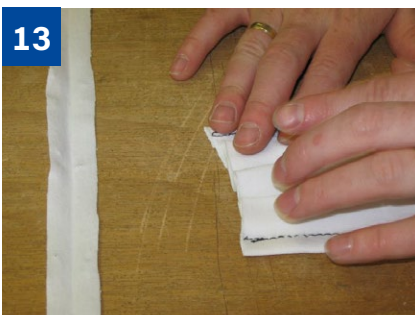
Put the cloth in the top and bottom of the insert edge reinforcements



Put a wire in the edge reinforcement on the upper part and slot this over the edge of the main cloth.



Pin the edge reinforcements to the cloth, and sew up securely



Put the ironed pleats of the cloth together, fold and center, and insert in the headbands on both sides



Pin headbands in and then, sew up securely.



### Care and cleaning of the washable makeshift mouth-nose protection

The washable MMNP should always be stored dry, and after use, it must be removed carefully. As much as possible when removing, do not touch the outer surface. After taking off, please wash your hands.

Used MMNP should be cleaned after use or at least once a day. You can either put them into the washing machine and wash at 60 °C, or on the stove in a water bath (5 minutes) boiled, and then dried in the oven at 70 °C.