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Holder of world patent No. WO2017 / 122182 A1 WIPO Geneva for the recycling of filter materials and patent no. EP 18158861.7 EPO Munich to optimize the production of filter media. CARAC has also gained experience in optimizing production at the world's top manufacturer of medical equipment.

REPEATABLY useable FACE MASKS
made in Slovakia from German polymer filter material
with PARAMETERS comparable to RESPIRATOR FFP2 / FFP3,
patented and certified in the EU

PROPERTIES OF CARAC MASKS
made of 100% endless polypropylene microfilaments

- ▶ material in one layer provides **AIR PERMEABILITY** (more than 96%) = significantly better breathability, even during physical exertion
- ▶ possibility to wash at a temperature of 40 ° C up to 100x, resp. boil up to 100x
- ▶ the initial **FILTRATION EFFICIENCY** was measured for one layer of material **at 93%**
- ▶ the material is non-absorbent (does not absorb moisture) = its filtration properties are stable even with longer wear
- ▶ also protects against other viruses, bacteria, pollen, dust and smog
- ▶ certified by the French Ministry of Defense with the result of the evaluation of the level of "high protection standard against Covid-19 in terms of extensive public use"
- ▶ all designs fit perfectly to the face
- ▶ the material is 100% ecological and recyclable, harmless to health

OFFERED PRODUCT RANGE (possibility of mounting on LACES / RUBBER BAND)

single-layer masks
have **PARAMETERS** comparable
with **FFP2 RESPIRATORS**

two-layer face mask
with **PARAMETERS**
comparable
to **FFP3 RESPIRATOR**



ECONOMY

STANDARD

LUX

PREMIUM

MAINTENANCE INSTRUCTIONS

- ▶ all masks can be washed repeatedly at a temperature of 40 ° C with the addition of detergent up to 100 times
- ▶ washing in a protective net extends the life of the products
- ▶ the masks with laces can also be boiled out (while maintaining the total max. boiling time of 50 hours, the masks can be boiled out up to 100 times) and ironed (with a temperature of max. 100 ° C)