



# NewLine technology

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advantages

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# filtration method

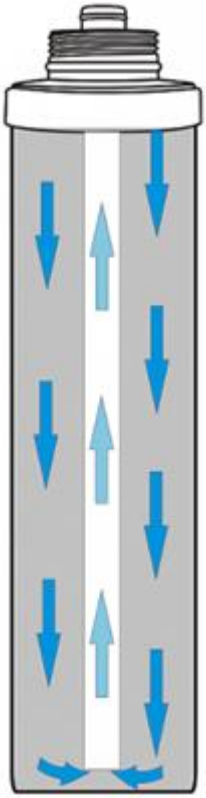
## NewLine

vertical filtration

filtration path: 20 cm

larger filtration surface

water stop = clogged cartridges

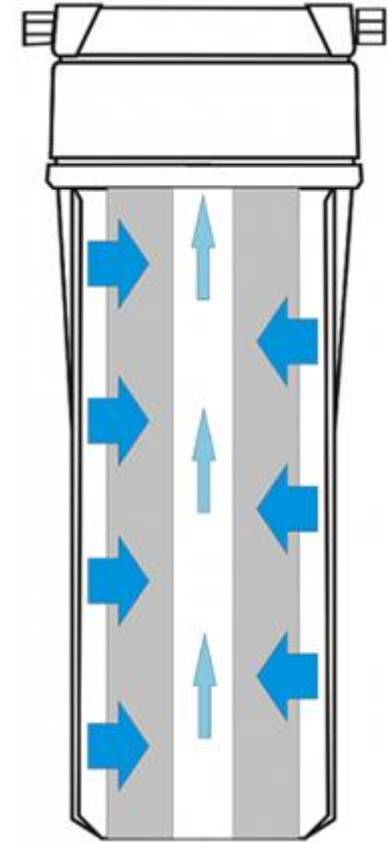


## Standard

horizontal filtration

filtration path: 3 cm

most impurities stay on surface



# filtration method - heavy duty solutions PP-HD

## TWO-STEP FILTRATION

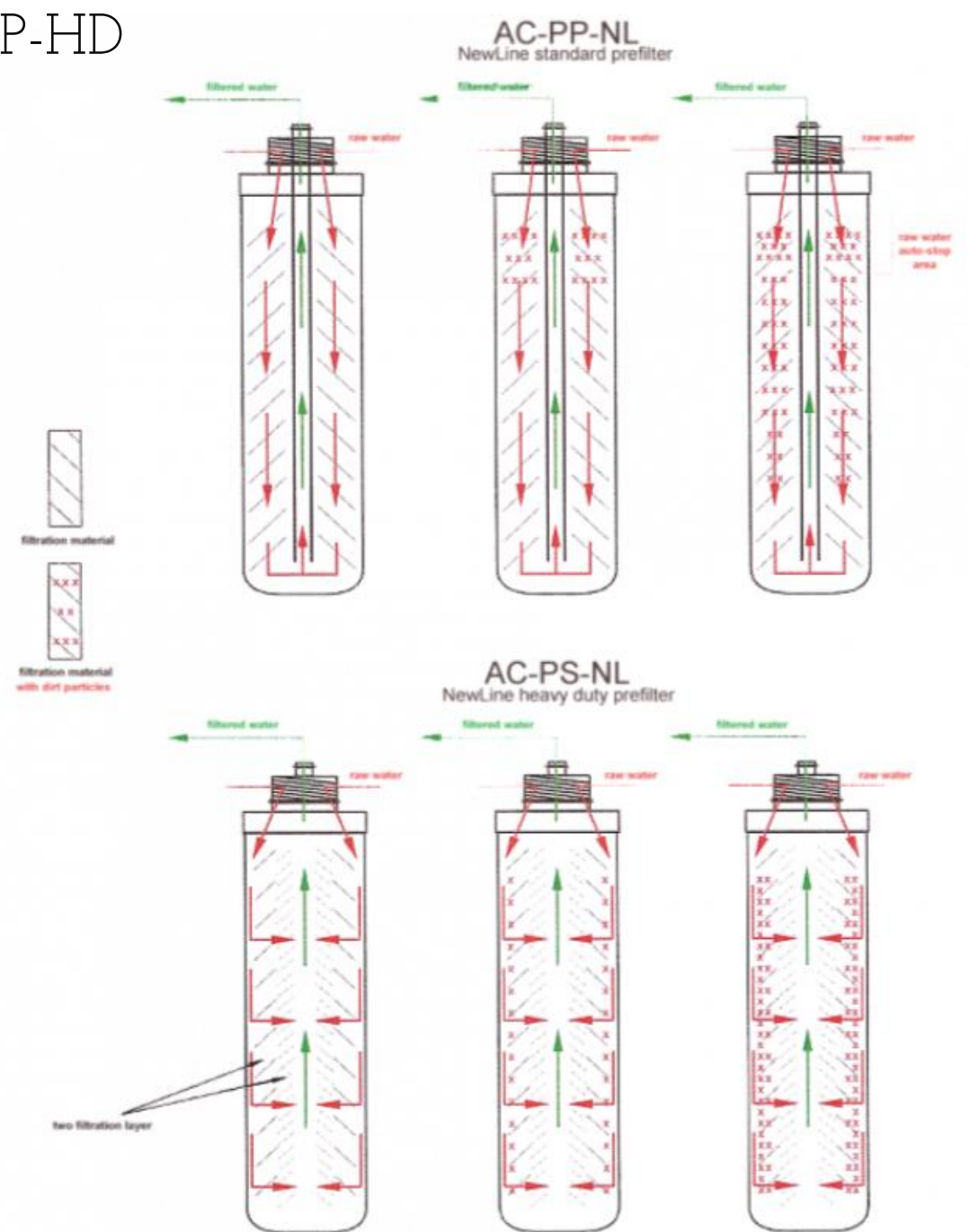
1st filtration step:  
yarn - large particles

2nd filtration step:  
meltblown - smaller particles



+ large filtration area

+ Increased filtration depth



# design, outer look

smaller, compact design

housing and filter cartridge: 2 in 1

easy replacement - twist-off type,  
no tools required

unique, non-standard design

individual serial number  
for each cartridge and system

100% recyclable materials

German bar code



# raw materials and technology



double o-ring - silicon food grade sealings

virgin raw plastic material - non-recycled plastic **only**

double spin-welding technology, while connecting cap with body housing

**100% filtration**, no internal water mixing



# tests and endurance



burst pressure test: 32 BAR

cycle hammer test: 0-10 BAR - 150 000 cycles

**every** material batch tested

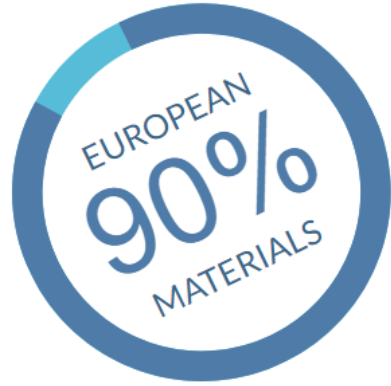
100% - **all** ready cartridges pressure tested

100% - **all** assembled filters pressure tested



6 BAR, UV purified air vacuum test

# European origin raw materials



**UK:** Yarn fibers

**DE:** Activated carbon

**DE:** Natural mineral

**DE:** Raw plastic, PP

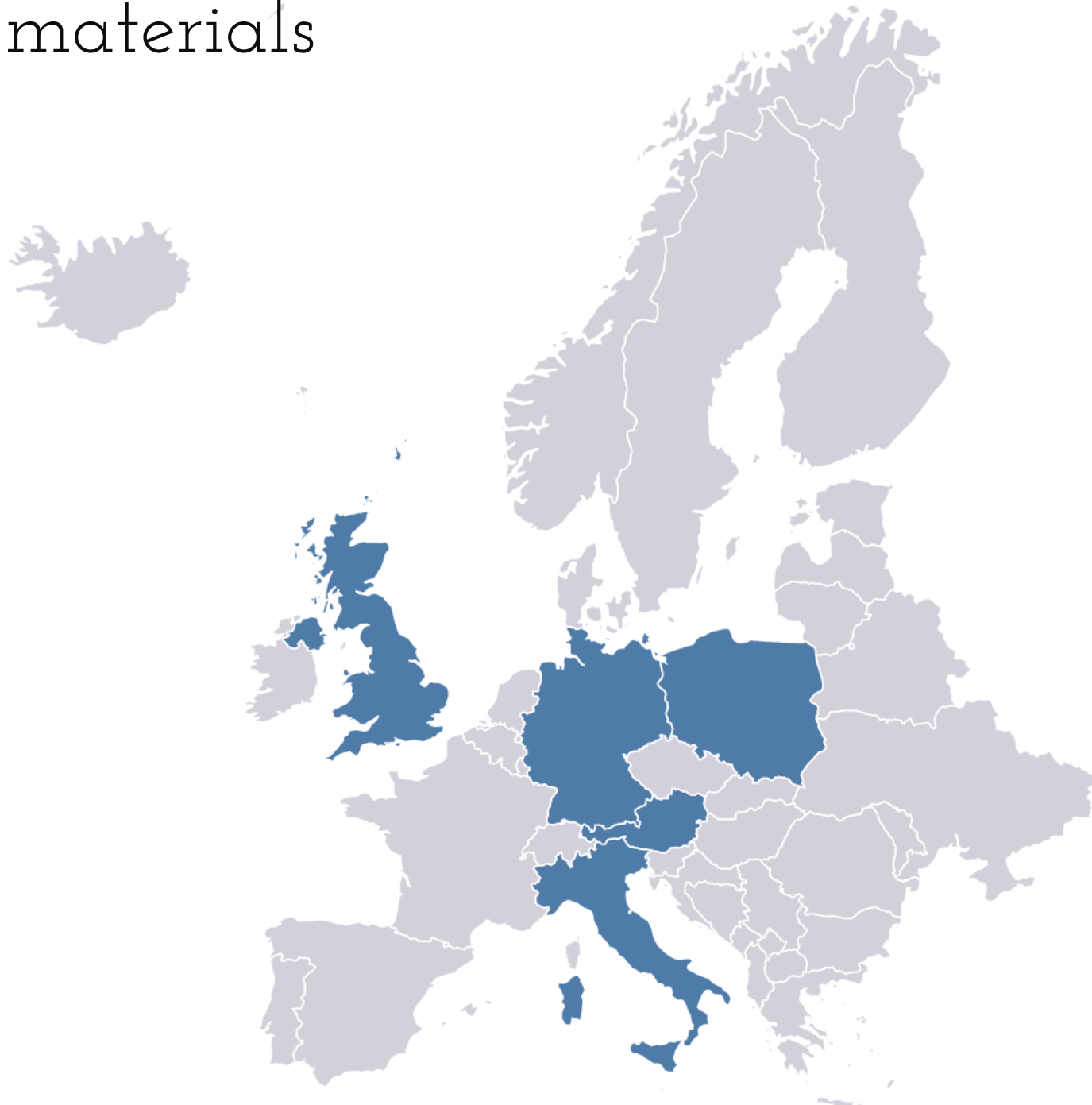
**PL:** Natural mineral

**AT:** Activated carbon

**IT:** Polyphosphate

**US:** RO membranes

**KR:** Hollow fibre membranes





# certificates

TUV

production, surveillance, safety:  
for complete systems and spare parts



German license

NSF 42/53/58

for complete systems and spare cartridges



BPA free

for complete systems and spare cartridges



EAC Customs Union Certificate



Chinese Sanitary Certificate

allowing import and sale of systems and  
cartridges into China



Polish Hygienic Certificate



patented design

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