




# bontec® HF



Our solutions  
on engineering  
structures



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Our specifications



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## polyethylene, polyester, polypropylene monofilament woven geotextile, strong and highly permeable

### bontec® HF is used

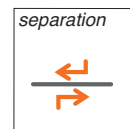
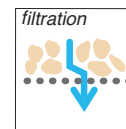
- in posts and planking for embankment filtration,
- for filtration of permeable soils with significant water circulation,
- as a drainage sand filter,
- for filtering wastes, in clogging environments.

### Advantages

- **bontec® HF** is specially designed for the filtration of soils with high permeability, or where there is substantial water runoff,
- the woven structure provides good strength as well as a large pore size and high permeability,
- **bontec® HF's UV** resistance allows use in exposed areas,
- **bontec® HF** can be used directly on the retaining wall of an embankment between piles.

### Detailed description

**bontec® HF** is a polypropylene and polyethylene monofilament woven geotextile, of strength 40 kN/m and 35% elongation at break, with a permeability of 120 litres/m<sup>2</sup>.s; the pore size is 360 µm.



### Installation technique

- plan a layout drawing to limit cutting out,
- prepare a flat, graded, compacted base, with no projecting elements,
- unroll the product on the ground with a shaft passed through the reel, or by hand, or suspend it from a lifting beam,
- the strips' overlap depends on the supporting soil: on a stable, graded soil 30 cm, on a soft soil 60 cm to 1 m,
- the strips can be stitched together,
- cut out the product using a cutter or scissors, wearing gloves.

### Packaging

**bontec® HF** is available in rolls 5.25 m wide x 100 m or 2.62 m x 100 m.