

# Geomatex NTB 10

## Product specifications

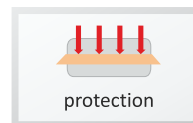
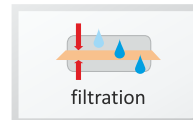
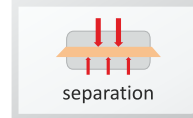


### Product description:

Geomatex NTB 10 is a non-woven geotextile made using modern technology. The main production polymer is 100% polypropylene (PP). It is used to construct retaining structures, linear constructions, waste deposits, drainage systems etc.

- ① combines filtration properties and high water permeability
- ② high resistance to puncture and abrasion
- ③ large choice of thickness of material (weight)
- ④ top level protection at high strain

### Function:



### Certificates:



| Geomatex    | Weight<br>[g/m <sup>2</sup> ]<br>EN ISO 9864 | Tensile Strength       |                      |                   | Static Puncture (CBR)<br>[kN]<br>EN ISO 12236 | Dynamic Perforation (Cone drop test)<br>[mm]<br>EN ISO 13433 | Water permeability normal to the plane<br>[l/m <sup>2</sup> /s]<br>EN ISO 11058 | Opening Size<br>[mm]<br>EN ISO 12956 | Thickness at 2 kPa<br>[mm]<br>EN ISO 9863 | width<br>[m] | Roll          |                           |                |
|-------------|--|------------------------|----------------------|-------------------|---|--|---|--------------------------------------|---|--------------|---------------|---------------------------|----------------|
|             |  | longitudinal<br>[kN/m] | transverse<br>[kN/m] | Elongation<br>[%] |   |  |   |                                      |   |              | length<br>[m] | area<br>[m <sup>2</sup> ] | weight<br>[kg] |
| NTB 10/100  | 100  | 6,00                   | 7,4                  | 50                | 1,10  | 38,0   | 120   | 0,110                                | 0,6                                       | 2            | 100           | 200                       | 20             |
| NTB 10/140  | 140  | 9,40                   | 10,6                 | 50                | 1,60  | 30,0   | 88  | 0,088                                | 0,8                                       | 2            | 150           | 300                       | 42             |
| NTB 10/150  | 150  | 9,50                   | 10,5                 | 50                | 1,80  | 28,0   | 80  | 0,090                                | 0,9                                       | 2            | 150           | 300                       | 45             |
| NTB 10/200  | 200  | 14,00                  | 16,0                 | 55                | 2,23  | 20,0   | 65  | 0,080                                | 1,2                                       | 2            | 100           | 200                       | 40             |
| NTB 10/200  | 200  | 14,00                  | 16,0                 | 55                | 2,23  | 20,0   | 65  | 0,080                                | 1,2                                       | 4            | 100           | 400                       | 80             |
| NTB 10/250  | 250  | 16,80                  | 19,7                 | 55                | 2,90  | 19,0   | 53  | 0,064                                | 1,4                                       | 2            | 100           | 200                       | 50             |
| NTB 10/300  | 300  | 21,00                  | 21,0                 | 65                | 3,50  | 15,0   | 40  | 0,070                                | 1,8                                       | 2            | 100           | 200                       | 60             |
| NTB 10/300  | 300  | 21,00                  | 21,0                 | 65                | 3,50  | 15,0   | 40  | 0,070                                | 1,8                                       | 4            | 100           | 400                       | 120            |
| NTB 10/350  | 350  | 23,10                  | 27,4                 | 60                | 4,20  | 12,0   | 38  | 0,062                                | 2,0                                       | 2            | 50            | 100                       | 35             |
| NTB 10/400  | 400  | 25,30                  | 31,7                 | 60                | 4,85  | 10,0   | 36  | 0,061                                | 2,2                                       | 4            | 50            | 200                       | 80             |
| NTB 10/400  | 400  | 25,30                  | 31,7                 | 60                | 4,85  | 10,0   | 36  | 0,061                                | 2,2                                       | 2            | 50            | 100                       | 40             |
| NTB 10/500  | 500  | 31,00                  | 38,0                 | 60                | 6,20  | 6,0  | 33  | 0,058                                | 2,8                                       | 2            | 50            | 100                       | 50             |
| NTB 10/600  | 600  | 36,00                  | 46,0                 | 60                | 7,30  | 5,2  | 29  | 0,056                                | 3,4                                       | 2            | 25            | 50                        | 30             |
| NTB 10/700  | 700  | 42,00                  | 53,0                 | 65                | 8,50  | 4,4  | 26  | 0,055                                | 4,2                                       | 2            | 25            | 50                        | 35             |
| NTB 10/800  | 800  | 48,00                  | 60,0                 | 65                | 9,60  | 3,6  | 22  | 0,055                                | 4,9                                       | 2            | 25            | 50                        | 40             |
| NTB 10/1000 | 1000   | 57,00                  | 76,0                 | 70                | 11,85   | 2,0  | 20  | 0,055                                | 6,5                                       | 2            | 25            | 50                        | 50             |
| NTB 10/1200 | 1200   | 68,84                  | 91,0                 | 71                | 13,80   | 1,6  | 19  | 0,050                                | 7,5                                       | 2            | 20            | 40                        | 48             |
| NTB 10/2000 | 2000   | 87,00                  | 132,0                | 80                | 20,00   | -  | 12  | 0,050                                | 11,0                                      | 2            | 20            | 40                        | 80             |

### Remarks:

Unless indicated otherwise, values are determined according to the applicable European standards and are valid as of the date of this document. Products are subject to continuous development and improvement and these values may change over time.

In case of requirement the delivery of products with different dimensions or other technical data or in the case of interest of technical consultation please contact technical department by e-mail: [technika@geomat.eu](mailto:technika@geomat.eu).

Supplier of product: **GEOMAT s.r.o.**

More information about this product on [www.geomat.eu/en](http://www.geomat.eu/en)

