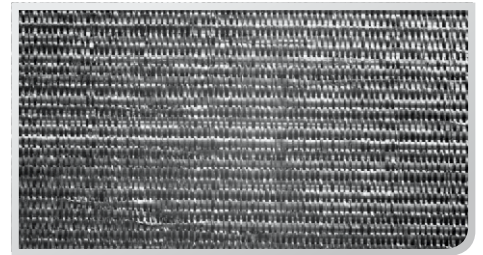


# Geomatex TST

## Product specifications

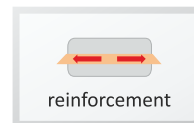
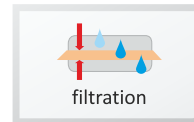
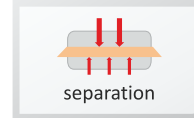


### Product description:

Geomatex TST is a 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 excellent properties for material separation
- ② excellent chemical resistance to the environment
- ③ enables to use poorer quality fill in embankments
- ④ combines filtration properties and high water permeability

### Function:



### Certificates:



| Geomatex          | Tensile Strength       |                      | Elongation          |                   | 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 | width<br>[m] | Roll          |                           |                |
|-------------------|------------------------|----------------------|---------------------|-------------------|---|--|---|--------------------------------------|--------------|---------------|---------------------------|----------------|
|                   | longitudinal<br>[kN/m] | transverse<br>[kN/m] | longitudinal<br>[%] | transverse<br>[%] |   |  |   |                                      |              | length<br>[m] | area<br>[m <sup>2</sup> ] | weight<br>[kg] |
|                   | EN ISO 10319           |                      |                     |                   |   |  |   |                                      |              |               |                           |                |
| <b>TST 18/15</b>  | 18                     | 15                   | 18                  | 14                | 2,0   | 13,9   | 19  | 0,350                                | 5,2          | 100           | 520                       | 49             |
| <b>TST 21/17</b>  | 21                     | 17                   | 18                  | 13                | 2,5   | 12,0   | 27  | 0,220                                | 5,0          | 100           | 500                       | 51             |
| <b>TST 23/20</b>  | 23                     | 20                   | 18                  | 13                | 3,0   | 15,4   | 14  | 0,190                                | 5,0          | 100           | 500                       | 57             |
| <b>TST 25/25</b>  | 25                     | 25                   | 18                  | 14                | 3,1   | 7,0  | 18  | 0,200                                | 5,0          | 100           | 500                       | 65             |
| <b>TST 32/32</b>  | 32                     | 32                   | 18                  | 14                | 4,3   | 8,3  | 37  | 0,190                                | 5,0          | 100           | 500                       | 90             |
| <b>TST 35/35</b>  | 35                     | 35                   | 22                  | 14                | 4,9   | 6,7  | 52  | 0,250                                | 5,0          | 100           | 500                       | 100            |
| <b>TST 40/40</b>  | 40                     | 40                   | 20                  | 14                | 4,9   | 6,0  | 30  | 0,260                                | 5,0          | 100           | 500                       | 110            |
| <b>TST 45/45</b>  | 45                     | 45                   | 21                  | 13                | 5,5   | 6,9  | 19  | 0,230                                | 5,0          | 100           | 500                       | 120            |
| <b>TST 14/14W</b> | 14                     | 14                   | 14                  | 10                | 1,8   | 21,0   | 5   | 0,300                                | 5,3          | 100           | 530                       | 40             |
| <b>TST 21/15W</b> | 21                     | 15                   | 20                  | 15                | 2,3   | 16,0   | 13  | 0,275                                | 5,3          | 100           | 530                       | –              |
| <b>TST 25/25W</b> | 25                     | 25                   | 15                  | 11                | 3,0   | 12,0   | 7   | 0,250                                | 5,3          | 200           | 1060                      | 146            |
| <b>TST 30/30W</b> | 30                     | 30                   | 16                  | 14                | 3,3   | 14,0   | 7   | 0,230                                | 5,3          | 100           | 530                       | 75             |
| <b>TST 40/40W</b> | 40                     | 40                   | 17                  | 15                | 4,5   | 10,0   | 7   | 0,200                                | 5,3          | 100           | 530                       | 106            |
| <b>TST 60/60W</b> | 60                     | 60                   | 15                  | 10                | 7,0   | 12,0   | 18  | 0,225                                | 5,2          | 100           | 520                       | 146            |
| <b>TST 80/80W</b> | 80                     | 80                   | 15                  | 11                | 10,0  | 5,0  | 10  | 0,110                                | 5,2          | 100           | 520                       | 146            |

### 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 interest of technical consultation please contact technical department by e-mail: [tehnika@geomat.eu](mailto:tehnika@geomat.eu).

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

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

