## BX Polyester Woven Geogrids



ForTex GG -/- P products are geogrids which are composed of knitted and woven polyester filaments in rectangular shape and covered by polymeric base coating.

| Properties |  | Unit | 30/30 | 40/40 | 60/60 | 80/80 | 100/100 | 150/150 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Tensile Strength TS EN ISO 10319 | $\begin{aligned} & \text { MD } \\ & \text { CMD } \end{aligned}$ | $\mathrm{kN} / \mathrm{m}$ <br> (Min.) | $\begin{aligned} & 30 \\ & 30 \end{aligned}$ | $\begin{aligned} & 40 \\ & 40 \end{aligned}$ | $\begin{aligned} & 60 \\ & 60 \end{aligned}$ | $\begin{aligned} & 80 \\ & 80 \end{aligned}$ | $\begin{aligned} & 100 \\ & 100 \end{aligned}$ | $\begin{aligned} & 150 \\ & 150 \end{aligned}$ |
| Elongation at maximum load TS EN ISO 10319 | $\begin{aligned} & \text { MD } \\ & \text { CMD } \end{aligned}$ | $\begin{gathered} \% \\ ( \pm \% 2) \end{gathered}$ | 12 | 12 | 12 | 12 | 12 | 12 |
| Elongation at nominal load TS EN ISO 10319 | $\begin{aligned} & \text { MD } \\ & \text { CMD } \end{aligned}$ | $\begin{gathered} \% \\ ( \pm \% 2) \end{gathered}$ | 10 | 10 | 10 | 10 | 10 | 10 |
| Mesh Size | MD CMD | $\begin{gathered} \mathrm{mm} \\ ( \pm 3) \end{gathered}$ | $\begin{aligned} & 30 \\ & 26 \end{aligned}$ | $\begin{aligned} & 30 \\ & 26 \end{aligned}$ | $\begin{aligned} & 30 \\ & 26 \end{aligned}$ | $\begin{aligned} & 30 \\ & 26 \end{aligned}$ | $\begin{aligned} & 30 \\ & 26 \end{aligned}$ | $\begin{aligned} & 30 \\ & 26 \end{aligned}$ |
| Roll width |  | $\begin{gathered} m \\ ( \pm \% 1.5) \end{gathered}$ | $\begin{aligned} & 5.25 \\ & 6.00 \end{aligned}$ | $\begin{aligned} & 5.25 \\ & 6.00 \end{aligned}$ | $\begin{aligned} & 5.25 \\ & 6.00 \end{aligned}$ | $\begin{aligned} & 5.25 \\ & 6.00 \end{aligned}$ | $\begin{aligned} & 5.25 \\ & 6.00 \end{aligned}$ | $\begin{aligned} & 5.25 \\ & 6.00 \end{aligned}$ |
| Roll length |  | $\begin{gathered} m \\ ( \pm \% 1.5) \end{gathered}$ | 100 | 100 | 100 | 50 | 50 | 50 |

Intended Use:


Packaging and Storage
Products are covered with PE sheet. Products must be kept away from water, dust, mud, oil, direct sun light, heat and combustion sources. Products must be kept indoor on a smooth surface.
Products must be covered in maximum 2 weeks after installation.
Products are durable 100 years in natural soils $4<\mathrm{ph}<925^{\circ} \mathrm{C}$ according to Annex B of related standards.
MD: Machine Direction CMD: Cross Machine Direction
Values are given according to our production control tests and other tests applied at accredited laboratories with our best knowledge.
Dimensions are measured on production machine. For further information please contact with İstanbul Teknik.
İstanbul Teknik has the right to change all values at any time without notice.

