

# ZeroTwist



# Textiles TD22G

## Technical Data Sheet

### Applications

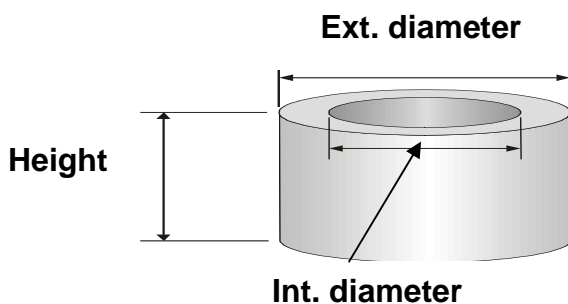
- Façade cladding (leno weave fabrics and laid scrim fabrics)
- Marble reinforcement
- Roofing
- Grinding wheels
- Composites (fabrics and tapes)
- Multiaxial fabrics
- Knitted and braided structures  
(for electrical insulation materials and reinforcement of plastics)

### Technical characteristics (nominal values)

| Strand type<br>S / I units<br>(tex) | Strand type<br>Inch - pound<br>units | Size<br>system | weight<br>(kg) | weight<br>(lbs) | Loss<br>on<br>ignition<br>(%) | Tensile<br>strength<br>(N) |
|-------------------------------------|--------------------------------------|----------------|----------------|-----------------|-------------------------------|----------------------------|
| EC9 - 68                            | ECG 75                               | TD22G          | 8.00           | 17,64           | 0.70                          | 45                         |
| EC13 - 136                          | ECK 37                               | TD22G          | 8.00           | 17,64           | 0.60                          | 75                         |
| EC16 - 200                          | ECM 24.8                             | TD22G          | 10.00          | 22,05           | 0.55                          | 95                         |

### Products available: dimensions in mm and inches

| Product                                   |        | Height | Ext.diameter | Int.diameter |
|---|--------|--------|--------------|--------------|
| <b>EC9 - 68 TD22G</b><br>ECG 75 TD22G     | mm     | 125    | 315          | 206          |
|   | inches | 4,92   | 12,40        | 8,11         |
| <b>EC13 - 136 TD22G</b><br>ECK 37 TD22G   | mm     | 125    | 315          | 206          |
|   | inches | 4,92   | 12,40        | 8,11         |
| <b>EC16 - 200 TD22G</b><br>ECM 24.8 TD22G | mm     | 125    | 335          | 206          |
|   | inches | 4,92   | 13,19        | 8,11         |



### Properties

- Splice free single end roving, free of catenary, the integrity is given by the size
- Good warping and weaving properties in both warp (machine) and fill (crosswise) directions even with leno woven fabrics
- Excellent compatibility with epoxy, polyester and phenolic resins
- Easy to impregnate due to the lack of twist
- Good alkaline resistance : the ZeroTwist product is well and easily impregnated by the alkali- and water-resistant resins used for reinforcing wall systems (like acrylic, styrene acrylate polymers and copolymers)



## Packaging

| Product                            | Approx. Dimensions<br>L x W x H<br>(mm)<br>(inches) | Levels<br>per<br>pallet | Packages<br>per level | Number of<br>packages<br>per pallet | Net weight<br>(kg)<br>(lbs) |
|------------------------------------|---|-------------------------|-----------------------|-------------------------------------|-----------------------------|
| EC9 - 68 TD22G<br>ECG 75 TD22G     | 1200 x 1000 x 1174<br>47.24 x 39.37 x 46.22         | 8                       | 11                    | 88                                  | 704<br>1552                 |
| EC13 - 136 TD22G<br>ECK 37 TD22G   | 1200 x 1000 x 1174<br>47.24 x 39.37 x 46.22         | 8                       | 11                    | 88                                  | 704<br>1552                 |
| EC16 - 200 TD22G<br>ECM 24.8 TD22G | 1200 x 1000 x 1174<br>47.24 x 39.37 x 46.22         | 8                       | 9                     | 72                                  | 720<br>1587                 |

Each ZeroTwist bobbin is wrapped in a PET-stretch foil.



Edited by :



**Saint-Gobain Vetrotex  
Deutschland GmbH**  
Bicherouxstrasse 61  
D-52134 Herzogenrath  
Germany  
Tel : (49) 2406 81-0  
Fax : (49) 2406 7 92 87

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