

ExcelFiber Coir Twine Specifications (CT4 / CT7 / CT9)

| | Specification (CT 4 / CT7 / CT9) | Testing Method |
|-------------------------------------|-------------------------------------|----------------|
| Material | 100% coir fibre | |
| Dimensions | Width Approx. 4m | |
| | Length Approx. 50m | |
| Thickness | 8.3mm/7.8mm/9.6mm | ASTM D 5199 |
| Apparent opening Size | 25mmx25mm/ 15mmx12mm/ 10mmx12mm | ASTM D 4751 |
| Mass | 465g/707g/946g | ASTM D 5261 |
| Tensile Strength Dry (kN/m) | mc 10.5/ mc 14.2/ mc 19.5 | ASTM D 4595 |
| | cross 9.6/ 12.0 / 15.3 | |
| Tensile Strength Wet (kN/m) | mc 9.4/ mc 13.5/ mc 19.1 | ASTM D 4595 |
| | cross 9.2/12.3/19.1 | |
| Elongation at Break, % (Dry) | mc 34/mc 38/ mc40 | ASTM D 4595 |
| | cross 33/35/40 | |
| Elongation at Break, % (Wet) | mc 37/ mc38/ mc45 | ASTM D 4595 |
| | cross 37/38/45 | |
| Grab Elongation (%) | mc 29/mc 29/ mc30 | ASTM D 4632 |
| | cross 27/27/26 | |
| Open Area (%) | 66/50.41 | |

Coir Twine Applications

- Road embankments
- Soil erosion control
- Re vegetation
- River embankments , wet land regeneration , plant nurseries
- Ski slopes and ski lift tracks
- Hill side slopes
- Soil bio-engineering
- Re sediment projects
- Mining and wastelands
- Golf courses
- Stream bank stabilization, River banks with high wave impact
- Horticultural application

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