

Product code: PVTEXTILE002

TRC 30 is a geogrid composite which provides the functions of re-inforcement, separation and filtration in one product. It consists of a coated aramid mesh incorporated between two layers of a non woven geotextile. TRC 30 exhibits equal tensile strength in both longitudinal and transverse directions.



### Key Benefits

- Three functions in one product: reinforcement, separation and filtration
- Reduces the required sub-base thickness
- Prevents fine subsoil from penetrating into the road structure
- Increases the sub-base strength on lightly compacted soils
- Outstanding mechanical properties: low creep
- Excellent durability and long term performance
- Fast installation with practical 5m wide rolls
- Ease of handling on site

### Applications

TRC 30 is used to stabilise soft, low bearing capacity soils and for use below the ArborRaft layer in paved and unpaved roads, and parking areas

### Technical Support

Detailed guidance and assistance is available.

For further information, please contact our Technical Team on **+44 (0) 1509 615100** or email [civils@polypipe.com](mailto:civils@polypipe.com)

| UNIT TYPE                      | TEST METHOD  | VALUE       |
|--------------------------------|--|-------------|
| <b>PHYSICAL PROPERTIES</b>     |  |             |
| Material                       | Polymerised Aramid/<br>PET-PA Composite<br>reinforced geotextile | -           |
| Mass per unit area             | EN ISO 965:1995  | 150g/sq.m   |
| Strain at nominal strength     | EN ISO 10319   | <2.7%       |
| Strength at 2% strain          | EN ISO 10319   | >21kN/m     |
| Dynamic perforation resistance | EN ISO 13433   | 50mm        |
| Resistance to static puncture  | EN ISO 12236   | 1.2kN       |
| Permeability (VIH50)           | EN ISO 11058   | 190mm/s     |
| Pore size (O90)                | EN ISO 12956   | 180 microns |
| Grid dimension                 | -  | 14 x 14mm   |

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