

FT-500 Fully Threaded Composite Bar & Tube



Fibregrip FT-500 polyester fully threaded bar and tube is available in lengths up to 12 metres. The advantage given by the continuous thread enables lengths to be cut to size on site, or additional lengths added by the use of couplers, which allows more flexibility during installation.

FT-500 is suitable for a wide range of applications in the Civil Engineering, Tunneling and Mining Industries.



Solid bar fitted with torque/break-out non-metallic nut for use with lengths up to 3 metres installed through resin capsules.



Injection tube fitted with free-running non-metallic nut.



Solid bar fitted with composite collar and non-metallic nut (high-end load arrangement).



Solid bar fitted with steel cone and non-metallic nut (high-end load arrangement).

24mm Threaded Solid Bar Specifications

Ultimate Tensile Strength	540 kN**
Ultimate Shear Strength	145 kN**
Working Load	180 kN
Weight per metre	0.84 kg

** When tested in accordance with BS 7861

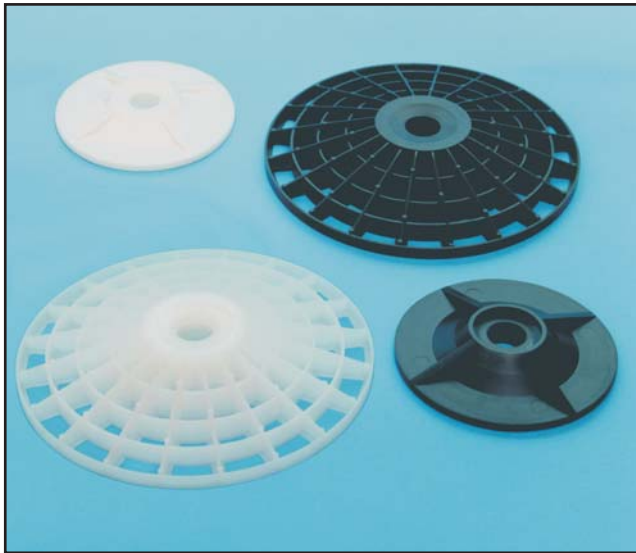
Nut Type	Ultimate Load	Working Load
Standard Non-Metallic	80 kN	50 kN
High End Load Nut Arrangement		
Non-Metallic with 139 kN Composite Collar		92 kN
Non-Metallic with 198 kN Steel Cone		132 kN

24/12mm Threaded Tube Specifications

Ultimate Tensile Strength	290 kN
Ultimate Shear Strength	130 kN
Working Load	97 kN
Weight per metre	0.65 kg

Nut Type	Ultimate Load	Working Load
Standard Non-Metallic	80 kN	50 kN

Accessories



Non-metallic End Plates

Weldgrip non-metallic end plates compliment the rockbolt and soil nail systems, maintaining their corrosion resistant integrity.

Dia of Plate	Load Capacity	Weight
130mm	70kN	132g
150mm	70kN	158g
200mm	60kN	250g
250mm	120kN	300g



Spinning Adapters

One, two and three piece steel spinning adaptors with a range of drive ends and nut sizes to suit all the Weldgrip Rockbolt and Soil Nail products.



Tube Injection Adapters

Light weight moulded plastic injection adapters to suit thread sizes for the 31/15mm and 22/12mm tubes.



Centralisers/Spacers

Available for 22mm, 25mm & 32mm diameter Bar or Tube. Lantern dimensions are made to customer requirements.



Grout Sock

Available in 50m roll length or ready fitted to tubes or bar made to order.



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