Cuttable and Corrosion-Resistant Products

FiReP FRP Bolts

JENNMAR offers the FiReP Fiber Reinforced Polymer (FRP) Bolt for environments that require high corrosion resistance, high tensile strength, durability and cuttability. FiReP Bolts have double the strength of normal steel, but only one quarter of the weight. They are highly corrosion resistant and can be manufactured in many shapes and forms.

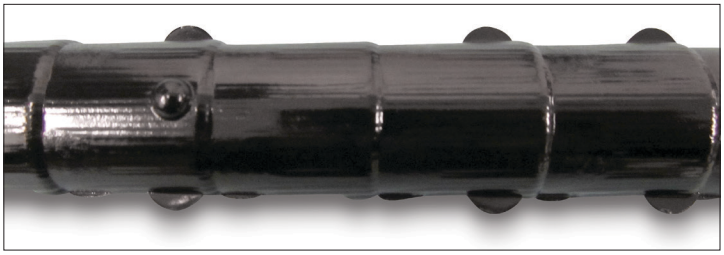
FiReP Bolts can provide the necessary support in coal mines, but are easily cut and do not impede the excavation of coal. FiReP Bolts are supplied with plastic nuts, pans and plates for cuttable rib support and are ideal for pillaring and other coal mining applications.

Advantages

- GRN coating injected at top of bolt allows enhanced mixing of resin and improved anchorage
- Durability
- High corrosion resistance
- Cuttability
- High tensile strength
- Low weight provides easy handling

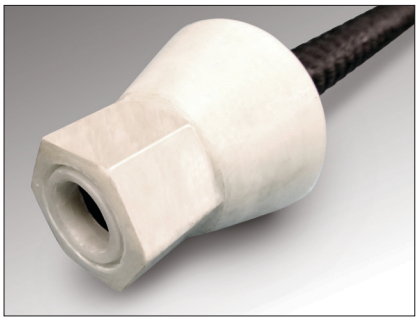
Technical Data — FiReP Bolts

Capacity, min., Ton (metric ton)	5 (4.5)
Length, ft. (m)	3 (0.9) to 10 (3)
Specific Gravity	1.95
Nominal Diameter, in. (mm)	0.9 (23)
Drill Hole Size with GRN, in. (mm)	1-3/8 (35)
Drill Hole Size without GRN, in. (mm)	1 (25)



Plastic Nut

JENNMAR offers a reinforced high-strength plastic nut for environments requiring corrosion resistance. The nut contains a blind breakout which allows the bar to penetrate through the nut at approximately 90 ft.-lb of torque without damaging the bolt threads or main body of the nut.



Advantages

- Designed at 1.7 specific gravity for coal processing plants
- Large conical bearing end for angled installation

Technical Data — Plastic Nut

Nominal Capacity, Ton (metric ton)	5 (4.5)
Nominal Break Out, ft.-lb (N-m)	90 (122)
Drive Size, in. (mm)	1.42 (36)