

SENTIENTE TELESCOPIC FRP LADDER

MODEL: FRP 6b

Reach New Heights with Uncompromising Safety

At TAURUS POWERTRONICS, we understand the critical importance of safety and reliability, especially when working in environments with electrical hazards or demanding conditions. Our range of Fiberglass Reinforced Plastic (FRP) ladders are engineered to provide unparalleled insulation, strength, and durability, making them the ideal choice for professionals across various industries.

Why Choose TAURUS POWERTRONICS FRP Ladders?

- **Superior Electrical Insulation:** Crafted from high-grade FRP, our ladders are non-conductive, offering maximum protection against electrical shocks. Essential for electricians, telecom technicians, and anyone working near live circuits.
- **Exceptional Strength & Durability:** Designed to withstand rigorous use and harsh environments, our FRP ladders are resistant to corrosion, rust, and rot, ensuring a long service life and consistent performance.
- **Lightweight & Portable:** Despite their robust construction, TAURUS POWERTRONICS FRP ladders are significantly lighter than their metallic counterparts, facilitating easy transportation and maneuverability.
- **Weather Resistant:** Our ladders are impervious to extreme temperatures, UV radiation, and moisture, making them suitable for both indoor and outdoor applications.
- **Non-Sparking:** An inherent property of FRP, our ladders are non-sparking, crucial for use in potentially flammable or explosive atmospheres.
- **Low Maintenance:** FRP requires minimal maintenance, saving you time and resources over the ladder's lifespan.
- **Ergonomic Design:** Wide steps offer secure footing, engineered for user comfort and safety, featuring anti-skid pole shoe and sturdy footings for stable operation.
- **Finger protection system:** finger protection rubber ring for each step to prevent jamming of fingers during usage.
- **Pole Lanyard:** safety belt with adjustable buckle system called as pole lanyard for hooking with PSC/RSJ/WPB pole.
- **Telescopic Design:** Smooth extension and retraction mechanism for hassle-free operation, Secure locks keep the ladder in place during use.

Applications:

- **Electrical Maintenance & Installation:** Safely access electrical panels, wiring, and overhead lines.
- **Telecommunications:** Ideal for working on poles, cables, and communication towers.
- **Utilities (Water, Gas, Power):** Provides secure access for inspection and repair.
- **Industrial & Manufacturing:** For maintenance in factories, warehouses, and industrial plants.
- **Construction:** Durable and safe for various construction tasks.
- **Chemical & Petrochemical Industries:** Resistance to corrosive substances.
- **Mining:** Non-sparking properties for hazardous environments.



Technical Details :-

- Material : Fiber Glass Reinforce Plastic (FRP) channel non conductive side rails with smooth surface.
- Glass Content : 60% ± 2%
- Process : Automatic Pultrusion Plant.
- Color : Yellow
- Ladder Type : Telescopic FRP Ladder (Wall Supported)
- Assembled Height : 6 Meters
- Number of Steps : 18 to 20
- Closed Height : 1.75 Meters +/- 5%
- Step Distance : Less than 33cm
- Step Length : 32 cm +/- 10%
- Step width : 36 mm
- Ladder Base : Anti-skid rubber shoe.
- Load Bearing Capacity : 150 to 200 kg
- Weight of Ladder : 24 +/- 1kg
- Withstand Voltage : Upto 100kV
- Colour : Yellow
- Type tested : Mechanical, Electrical, Thermal & Environmental properties tested as per IS/IEC/ASTM Standards from CPRI/ERDA/CIPET labs



Experience the convenience and safety of our FRP-based telescopic ladder, designed specifically for the power sector. Its sturdy construction and adjustable height make it suitable for a wide range of applications.

We also provide wide range of FRP based solution and customised equipment to achieve safety.



POWERTRONICS PVT. LTD.
AN ISO 9001 : 2015 COMPANY

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