



IDEAL Tuff-Rod™ Fishing Poles

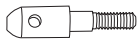
Operations Manual

Tuff-Rod™ Regular Flex Fishing Poles are 1/4" diameter non-conductive white fiberglass. Their extra stiffness makes it easier to span longer distances, and gives you greater control when grabbing or pulling wires across suspended ceilings.

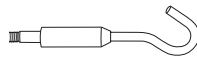
Tuff-Rod™ Extra Flex *Glow* Fishing Poles have all the advantages of Tuff-Rod™ Extra Flex Fishing Poles listed above, plus they are made from pale green luminescent fiberglass. Storage in normal ambient light keeps them charged for everyday use. They emit a soft glow in the dark, providing greater visibility when working in attics or other sites where lighting may be limited.

Available ends include:

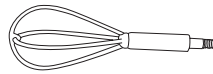
Bullet Nose



J Hook



Wisk



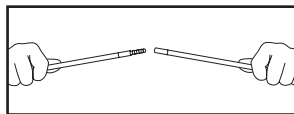
Warnings

Contact with electricity can cause serious injury or death. Shut off power at the circuit breaker or remove fuse before using this product.

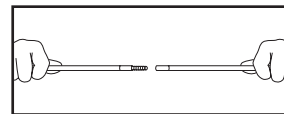
Cautions

- Fiberglass is flexible but can break or shatter if handled improperly. Always use approved safety glasses and wear gloves when using this product.
- The rod connections and tips are metal and can conduct electricity. Do not use on energized circuits; make sure all power is off.
- Use this product in a safe work position to keep your balance; use extra caution when standing on ladders or lifts.
- Never jerk, yank, or pull rod strongly when it is in a 90 degree flexed position or it may break.
- Do not allow children to play with this product.
- Do not use pliers or other sharp tools to pull or handle Tuff-Rod™ Fishing Poles. Nicks may cause the poles to prematurely break. Use only your hands or a puller designed especially for this purpose, such as the IDEAL S-Class™ Fish Tape Puller, part # 31-170.
- If a rod breaks, either throw it away or cut away the damaged section and replace the connections with the appropriate repair kit.
- Tuff-Rod™ sections screw together. Support the poles and keep them level while threading multiple rods together for easier connections. Tighten them securely; ends not tightened will allow some play at the joints causing stress on the threaded shaft and may cause it to break.

WRONG



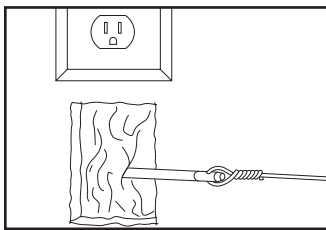
RIGHT



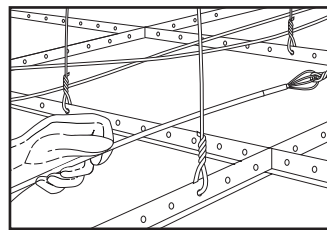
- Proper care of Tuff-Rod™ fishing poles includes cleaning thoroughly and lightly oiling the threaded connections after each use and storing them in a dry, dirt free area. The plastic tube your kit came in is good for continued storage. Be sure the rod is dry prior to storing in an enclosed container.

Applications

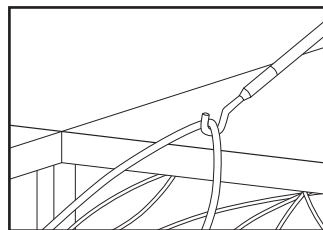
In walls, over suspended ceilings, in cable trays, or through studs Tuff-Rod™ Fishing Poles help you maneuver wires.



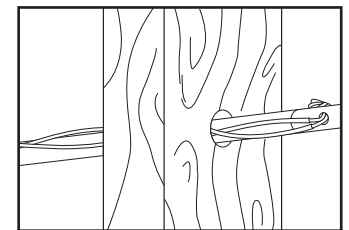
Pull through wall outlet with insulation



Over suspended ceiling



Raised floor wiring



Push wire through stud

Tuff-Rod™ Fishing Pole Product List

Part #	Product Name	Product Description
31-611	Tuff-Rod Regular Flex Kit - 12ft	12 ft total, three 4 ft rods, 1/4" diameter white fiberglass, with one threaded J hook end
31-612	Tuff-Rod Regular Flex Kit - 24ft	24 ft total, four 6 ft rods, 1/4" diameter white fiberglass, with one threaded bullet nose end
31-631	Tuff-Rod Extra Flex <i>Glow</i> Kit - 12ft	12 ft total, three 4 ft rods, 3/16" diameter luminescent fiberglass, with one threaded J hook end
31-633	Tuff-Rod Extra Flex <i>Glow</i> Kit - 30ft	30 ft total, five 6 ft rods, 3/16" diameter luminescent fiberglass, with one threaded bullet nose end
31-651	Tuff-Rod Tip Accessory Kit 3/16"	For 3/16" Tuff-Rods, includes threaded bullet nose, J Hook, and Wisk
31-652	Tuff-Rod Tip Accessory Kit 1/4"	For 1/4" Tuff-Rods Regular Flex; includes threaded bullet nose, J Hook, and Wisk

Contact your local retailer or distributor for the full line of Tuff-Rod™ Fishing Poles as well as other fine products from IDEAL INDUSTRIES, INC. Visit us on the web at www.idealindustries.com

Warranty

Warranty limited solely to repair or replacement; no warranty of merchantability, fitness for a particular purpose or consequential damages.

IDEAL INDUSTRIES, INC.

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