

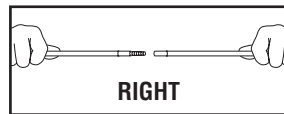
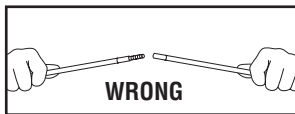


IDEAL Tuff-Rod™ Fishing Poles Operations Manual

	! WARNING	 
	Electrical shock and eye injury hazard. <i>Contact with live voltage may cause injury or death. Do not use near live voltage. Wear eye protection to avoid eye injury. Read and understand manual before using product.</i>	

! CAUTION

- 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.
- 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.



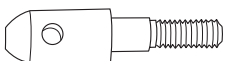
- Proper care of Tuff-Rod™ fishing poles includes cleaning thoroughly and lightly oiling the threaded connections after each use and storing them in a dry, dirt free area. The plastic tube your kit came in is good for continued storage. Be sure the rod is dry prior to storing in an enclosed container.

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.

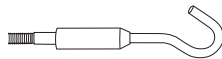
Tuff-Rod™ Extra Flex **Glow** Fishing Poles are 3/16" diameter and have all the advantages of Tuff-Rod™ Extra Flex Fishing Poles listed above, plus they are made from pale green luminescent fiberglass. Storage in normal ambient light keeps them charged for everyday use. They emit a soft glow in the dark, providing greater visibility when working in attics or other sites where lighting may be limited.

Available ends include:

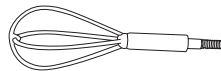
Bullet Nose



J Hook

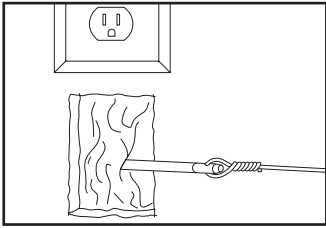


Whisk

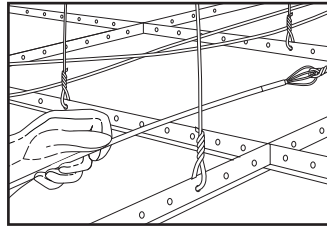


Applications

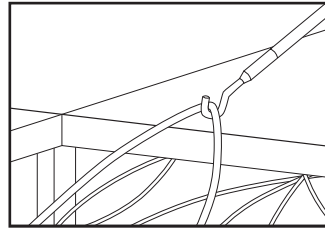
In walls, over suspended ceilings, in cable trays, or through studs Tuff-Rod™ Fishing Poles help you maneuver wires.



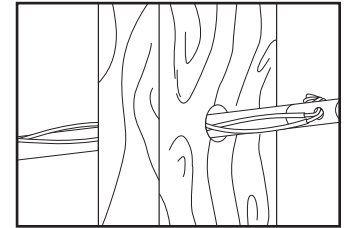
Pull through wall outlet with insulation



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 - 12 ft.	12 ft. total, three 4 ft. rods, 1/4 in. diameter white fiberglass, with one threaded bullet nose & one threaded J hook end
31-612	Tuff-Rod™ Regular Flex Kit - 24 ft.	24 ft. total, four 6 ft. rods, 1/4 in. diameter white fiberglass, with one threaded bullet nose & one threaded J hook end
31-631	Tuff-Rod™ Extra Flex Glow Kit - 12 ft.	12 ft. total, three 4 ft. rods, 3/16 in. diameter luminescent fiberglass, with one threaded bullet nose & one threaded J hook end
31-633	Tuff-Rod™ Extra Flex Glow Kit - 30 ft.	30 ft. total, five 6 ft. rods, 3/16 in. diameter luminescent fiberglass, with one threaded bullet nose & one threaded J hook end
31-651	Tuff-Rod™ Tip Accessory Kit - 3/16 in.	For 3/16 in. Tuff-Rod™ Fishing Poles, includes threaded bullet nose, J hook, and whisk
31-652	Tuff-Rod™ Tip Accessory Kit - 1/4 in.	For 1/4 in. Tuff-Rod™ Regular Flex Fishing Poles; includes threaded bullet nose, J hook, and whisk
31-653	Tuff-Rod™ Extra Flex Glow Kit - 15 ft.	15 ft. total, 3/16 in. diameter luminescent fiberglass, with one threaded bullet nose & one threaded J hook end
31-654	Tuff-Rod™ Extra Flex Glow Kit - 8 ft.	8 ft. total, 3/16 in. diameter luminescent fiberglass, with one threaded bullet nose & one threaded J hook end

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.idealind.com

Warranty

See Website or call Customer Assistance for warranty details.

 **WARNING:** Cancer and reproductive harm - www.P65Warnings.ca.gov.

IDEAL INDUSTRIES, INC.

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