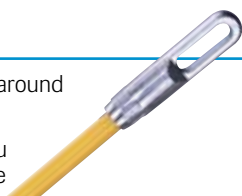




# Fish Tape Selection Guide

## S-Class® Fish Tape

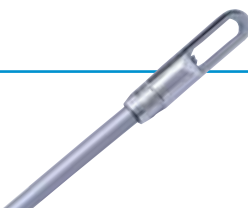
- Non-conductive tape for use around live circuits
- Structural glass core gives you a more durable fiberglass tape



Length (ft.)	Width & Thickness	Case Diameter	End Type	Tuff-Grip™ Pro	Rapid-Pak®	Replacement Tapes
<b>S-Class® Nylon Jacketed Fiberglass</b>						
50	3/16 in. diameter	12 in.	Leader	31-060	31-187	31-150
50	3/16 in. diameter	12 in.	Eyelet	31-062	31-190	31-160
100	3/16 in. diameter	12 in.	Leader	31-061	31-186	31-152
100	3/16 in. diameter	12 in.	Eyelet	31-063	31-189	31-162
200	3/16 in. diameter	16 in.	Leader	31-064	31-207	31-155
200	3/16 in. diameter	16 in.	Eyelet	31-065	31-208	31-165
300	3/16 in. diameter	None	Eyelet	–	–	31-2138

## Zoom™ Fish Tapes

- Great for hard to navigate piping with multiple bends
- Nylon jacket protects the steel core while adding to the slipperiness of Zoom™



Length (ft.)	Width & Thickness	Case Diameter	End Type	Tuff-Grip™ Pro	Replacement Tapes
<b>Zoom™ Nylon Jacketed Fiberglass</b>					
50	3/16 in. diameter	12 in.	Eyelet	31-090	31-091
100	3/16 in. diameter	12 in.	Eyelet	31-092	31-093
200	3/16 in. diameter	16 in.	Eyelet	31-0096	31-097

## Volt-Guard™ Fish Tapes

- Non-conductive up to 1000V
- Elliptical design gives the Volt-Guard™ greater pushing power



Length (ft.)	Width & Thickness	Case Diameter	End Type	Tuff-Grip™ Pro	Replacement Tapes
<b>Fiberglass</b>					
60	.1875 in. x .094 in.	12 in.	Eyelet	31-542	31-552
120	.1875 in. x .094 in.	12 in.	Eyelet	31-544	31-554

## Gold-Fish® Fish Tape

- Ultra-flexible tape for hard-to-navigate areas
- Brass-plated coils resist rust



Length (ft.)	Width & Thickness	Case Diameter	End Type	Tuff-Grip™ Pro	Replacement Tapes
<b>Gold-Fish® Brass Plated Steel Coil</b>					
25	3/16 in. diameter	None	Eyelet	–	31-140
50	3/16 in. diameter	12 in.	Eyelet	31-144	31-141
75	3/16 in. diameter	None	Eyelet	–	31-142



## S-Class® Fiberglass and Zoom™ Fish Tape Field Application Kits

- Crimps on new eyelet or leader in minutes
- Dies can be used with Crimpmaster™ Crimp Tool
- Connection guaranteed to withstand 500 lbs.

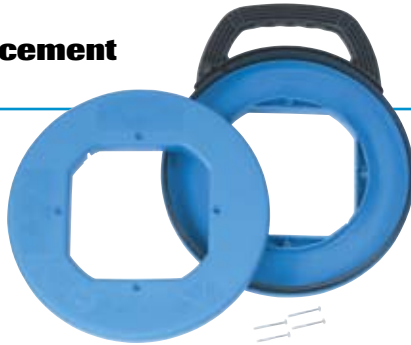


Description	Cat. No.
Field Application Kit includes: Crimpmaster™ Crimp Tool frame, die set, S-Class® eyelets (2), S-Class® leaders (2), Zoom™ eyelets (2) & instant adhesive	<b>31-156</b>
Die Set Kit* includes: eyelets (2), leaders (2) & instant adhesive	<b>31-164</b>
Replacement eyelets (4) for S-Class® Fish Tape	<b>31-158</b>
Replacement eyelets (2) for Zoom™ Fish Tape	<b>31-094</b>
Replacement leaders (4) for S-Class® Fish Tape	<b>31-159</b>
Die Set Only	<b>31-166</b>

\*For those who already have a Crimpmaster™ Crimp Tool.

## Fish Tape Replacement Cases

- Durable impact-resistant case
- Easy-to-install replacement tapes
- Full-perimeter handle band helps prolong life by keeping more dirt and moisture out
- Large, ergonomically designed handle allows for a comfortable grasp from the top or side, and for use with gloves



*Screws sold separately, case requires four LA-4218.*

Description	Cat. No.
12 in. Tuff-Grip™ Pro Replacement Case	<b>K-8985</b>
Replacement Screws	<b>LA-4218</b>

## Fish Tape Leaders



- Guides fish tape around bends in conduit
- Handles up to six 10 AWG bare wires
- Pulls up to 500 lbs.

Description	Cat. No.
Fish Tape Leader for steel or stainless steel tapes	<b>31-148</b>
Fish Tape Leader for S-Class® Fiberglass Fish Tape	<b>31-159</b>

## Fish Tape Swivel Ball

- Swivels to prevent wires from twisting during pull
- Designed for use on 1/8 in. steel or stainless steel tape
- Eyelet holds up to four 10 AWG bare wires



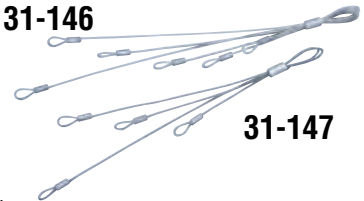
Description	Cat. No.
Fish Tape Swivel Ball	<b>31-085</b>

## Multi-Wire Pulling Leaders

- Pulls multiple wires at one time
- Staggered connection points prevent bunching or hang-ups in tight bends
- 500 lb. working strength at main eyelet and up to 150 lbs. with each individual eyelet

**31-146**

**31-147**



Description	Cat. No.
Multi-Wire Pulling Leader – 6-loop	<b>31-146</b>
Multi-Wire Pulling Leader – 4-loop	<b>31-147</b>

### ⚠ WARNING

Always use approved safety glasses when using this product. Do not use near energized equipment. Electrical shock may occur. Make sure all power is off. Do not use pliers or other tools that may kink, damage, or weaken any round fish tapes such as S-Class®, Nylon or Zoom™. Use only a fish tape puller designed for this purpose. While fish tapes made of fiberglass, nylon or other composite materials are non-conductive, they may have a metal eyelet that is conductive and could be grounded against conduit. Do not use on live electrical circuits. Do not attempt to use fish tape that is fractured or has multiple ends. Keep the fish tape wound in the reel to prevent damage to the tape. Use this product in a safe work position to prevent loss of balance. Never remove the screws from case while fish tape is coiled inside the reel. Failure to follow instructions may result in severe bodily harm or damage to property.

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[www.idealindustries.com](http://www.idealindustries.com)

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## **Fish Tapes**



- *Industry leading durability*
- *Wide variety of tapes and cases to meet your specific needs*
- *Available in Blued Steel™, Stainless Steel, S-Class®, Gold-Fish®, Zoom™ and Volt-Guard™ to meet all industry applications*
- *Specific types for pushing power, fishing bends and non-conductive needs*

***Length marked! Now laser etched in 12" increments to provide instant conduit length.***

## Tuff-Grip™ Pro... Industry's Leading Fish Tape!

**Length marked!**  
Now laser etched in 12" increments to provide instant conduit length.

**Tuff-Cuff™** tape retaining feature keeps tape properly positioned in the opening.

Full-perimeter handle band helps keep dirt and moisture out, prolonging life

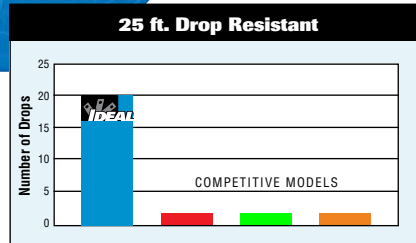
**Tuff-Grip™ Handle**  
Large, comfortable ergonomically-designed, grasp from the top or side. Allows for use with gloves.

**Available in:**  
Blued Steel™  
Stainless Steel  
Zoom™ Jacketed Stainless Steel  
Gold-Fish® Brass Plated Steel Coil  
S-Class® Nylon Jacketed Fiberglass  
Volt-Guard™ 1000V Non-Conductive Fiberglass

**Exceptionally Durable Case**

## Why IDEAL?

### Tuff-Grip™ Pro 25 ft. Drop Resistant Test

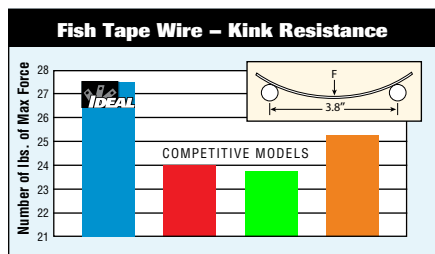


### Drop Test

Fish tape samples were subjected to a 25 ft. drop onto concrete. All samples were new and dropped side by side, under the same conditions, and at the same time. After each drop the samples were examined for structural damage.

**Importance:** Strong, durable, long lasting

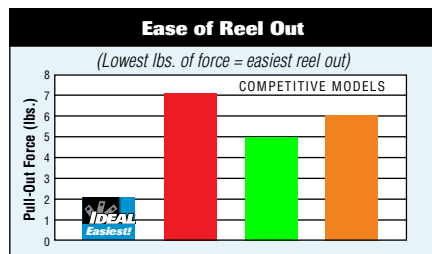
Visit [www.idealindustries.com](http://www.idealindustries.com), click the Fish Tape link and watch our Drop Test video today!



### Kink Resistance Test (Blued Steel™)

The test was performed by supporting the sample at two points (3.8 in. apart) and then exerting a force centrally between the two points. The maximum force that the wire would exert upon, 1 in. of deflection was recorded.

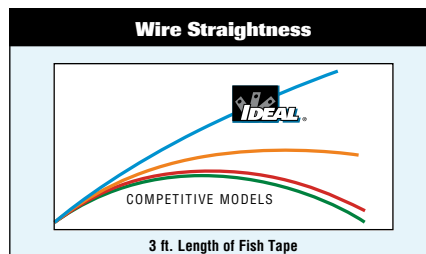
**Importance:** The better a tape resists kinking the longer it will serve you. Kinked tape is almost impossible to push through conduit. Kink resistance tape makes your job easier.



### Ease of Reel-Out Test (Blued Steel™)

This test was performed by connecting a force gage to the hook of the wire and then pulling out the wire at a slow pace for about 10 ft. The fish tape case was held by a person. Three easurements were taken and the average appears.

**Importance:** An easy reel out allows you to finish the job faster without straining your body.



### Wire Straightness Test (Blued Steel™)

This test was performed by placing each sample of wire on a table such that it was touching two pins that were 3 ft. apart. (A straight edge connected the two pins.) Each sample was pressed toward the straight edge and then slowly released until the wire came to rest at an equilibrium state. The maximum distance from the wire to the straight edge was recorded.

**Importance:** The straighter the steel as it pays out of the fish tape case the further and easier it will push down conduits.

# Fish Tape Cases & Material

## Fish Tape Cases and Handles

### Tuff-Grip™ Pro

- Tuff-Cuff™ tape retaining feature keeps tape properly positioned in the opening
- Full-perimeter handle band helps keep dirt and moisture out.
- Superior pull-out and rewind characteristics
- Exceptionally durable case and handle



### Rapid-Pak®

- Inner rotating reel with winding knob retrieves tape faster than traditional fish tapes for increased labor savings
- Funneled tape opening reduces kinking and tape breakage
- Reversible, hinged knob for right or left handed rewinds
- Stationary handle for extra durability
- Impact-resistant plastic case



### SPEED-GRIP™ Pro Handle

- New vertical grip allows for faster payout and rewind
- Ergonomically designed handle puts less strain on your wrist
- Large hand opening allows for use with gloves
- Attached to the exceptionally durable Tuff-Grip™ Pro Case



*\*On select S-Class® and Zoom™ Fish Tape Models.*

### Thumb Winder™

- Convenient 7 in. size can be stored in tool bag
- Durable, impact resistant ABS case
- Easy-to-use thumb-operated rewind
- Great for datacomm and small-sized conduit applications



## Fish Tape Materials

### Blued Steel™



- Laser etched in 12" increments to provide instant conduit length
- Unique finish is non-oily and resists rust
- Multiple options in width, length and eyelet for ease of use
- Industry's straightest wire
- Stiffer for long runs
- Highest grade carbon steel
- Tensile strength 1,600 lbs.

### Gold-Fish®



- Brass-plated coiled steel resists rust
- No "memory" – hangs straight after being coiled for long periods
- Kink proof
- Excellent for multiple bends

### Stainless Steel



- Laser etched in 12" increments to provide instant conduit length
- Won't rust or corrode in damp locations or humid environments
- Super clean finish prevents marks on walls or carpets
- Great for wet or corrosive work environment
- Smoother pay-out
- Tensile strength 1,600 lbs.

### S-Class™



- Non-conductive tape designed for use around live circuits
- Strong S-Class® core for longer life and greater pushing power
- Smooth nylon jacket provides great handling around bends
- Omni-directional pushing

### Zoom™



- 19 strands of stainless steel
- Ultrahard nylon jacket adds slipperiness, protects cables and the user's hands
- Excellent for corrugated plastic conduit
- Excellent for multiple bends or wet/corrosive work environment
- The only one in the industry

19 strand twisted radial steel core encased in high molecular density outer jacket.

### Volt-Guard™

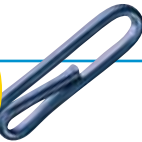


- Non-conductive to 1000V
- Rectilinear profile for superior pushing power
- Designed for use around live circuits

# Fish Tape Selection Guide

## Blued-Steel™ Fish Tapes

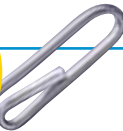
- Laser etched in 12" increments to provide instant conduit length
- High column strength for longer runs
- Non-oily finish resists rust



Length (ft.)	Width & Thickness	Case Diameter	End Type	Tuff-Grip™ Pro	Thumb-Winder™	Replacement Tapes
<b>Blued Steel™</b>						
25	1/8 in. x .045 in.	7 in.	Formed hook	–	31-012	–
50	1/8 in. x .045 in.	7 in.	Formed hook	–	31-010	–
50	1/8 in. x .060 in.	9 in.	Formed hook	31-033	–	–
60	1/8 in. x .060 in.	12 in.	Formed hook	31-055	–	31-035
100	1/8 in. x .060 in.	12 in.	Formed hook	–	–	31-036
120	1/8 in. x .060 in.	12 in.	Formed hook	31-056	–	31-036
200	1/8 in. x .060 in.	12 in.	Formed hook	–	–	31-038
240	1/8 in. x .060 in.	12 in.	Formed hook	31-057	–	31-038
500	1/8 in. x .060 in.	None	Formed hook	–	–	31-3380
700	1/8 in. x .060 in.	None	Formed hook	–	–	31-3379
50	1/4 in. x .060 in.	12 in.	Formed hook	31-059	–	31-051
100	1/4 in. x .060 in.	12 in.	Formed hook	31-058	–	31-050
200	1/4 in. x .060 in.	12 in.	Formed hook	–	–	31-052
400	1/4 in. x .060 in.	None	Formed hook	–	–	31-2128
15,000	1/4 in. x .060 in.	None	Formed hook	–	–	31-2982

## Stainless Steel Fish Tapes

- Laser etched in 12" increments to provide instant conduit length
- Won't rust or corrode in humid environments
- Stainless steel design provides a smooth pay-out



Length (ft.)	Width & Thickness	Case Diameter	End Type	Tuff-Grip™ Pro	Replacement Tapes
<b>Stainless Steel</b>					
120	1/8 in. x .060 in.	12 in.	Formed hook	31-066	31-073
240	1/8 in. x .060 in.	12 in.	Formed hook	31-067	31-074