



Nothing but **HEAVY DUTY.**

# BENDING & PULLING SOLUTIONS



**NEW**

**CONDUIT BENDERS,  
FISH TAPES, & FISH STICKS**



# BENDING & PULLING

MILWAUKEE® brings innovation to bending and pulling solutions, making the installation process easier for Electricians. From Conduit Benders with high contrast markings, delivering the best visibility to make accurate bends, to revolutionizing the way wire is installed with the first battery powered fish tape, the M18 FUEL™ ANGLER™ Pulling Fish Tape. All MILWAUKEE® bending and pulling solutions have been designed maximize productivity for the Electrician.

## BENDING SOLUTIONS

### EMT CONDUIT BENDERS

# HIGH CONTRAST MARKINGS

## BEST VISIBILITY



Wear Resistant Reference Chart

Reinforced Hook

Heavy Duty Ductile Iron

Reference Angles

Reinforced Multi-Position Foot Pedal

Offset Multipliers

High Contrast Raised Markings

Secure Double Bolted Handle

Front

Back

MET Part #	Description
48-22-4080	1/2" EMT Iron Conduit Bender
48-22-4081	3/4" EMT Iron Conduit Bender
48-22-4082	1" EMT Iron Conduit Bender

MET Part #	Description
48-22-4070	1/2" EMT Aluminum Conduit Bender
48-22-4071	3/4" EMT Aluminum Conduit Bender
48-22-4072	1" EMT Aluminum Conduit Bender

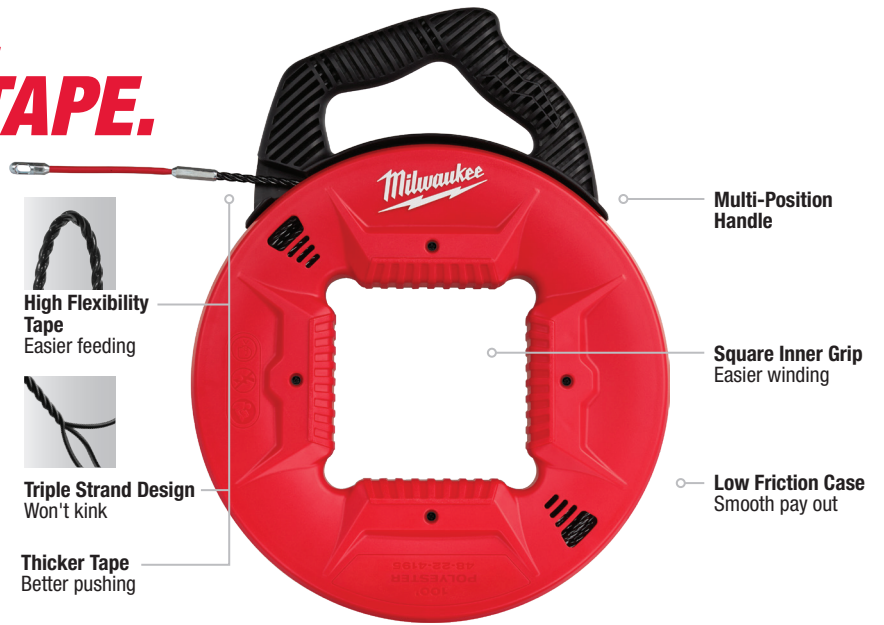


# PULLING SOLUTIONS

## FISH TAPES

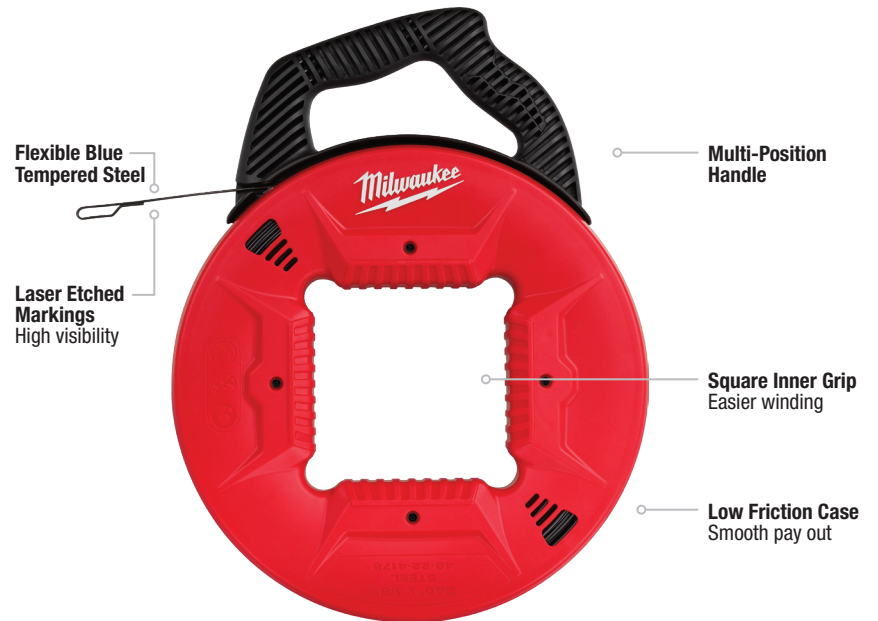
### POLYESTER

**EASIEST FISHING.  
MORE DURABLE TAPE.**



### STEEL

**SMOOTH PAYOUT.  
EASIER FISHING.**

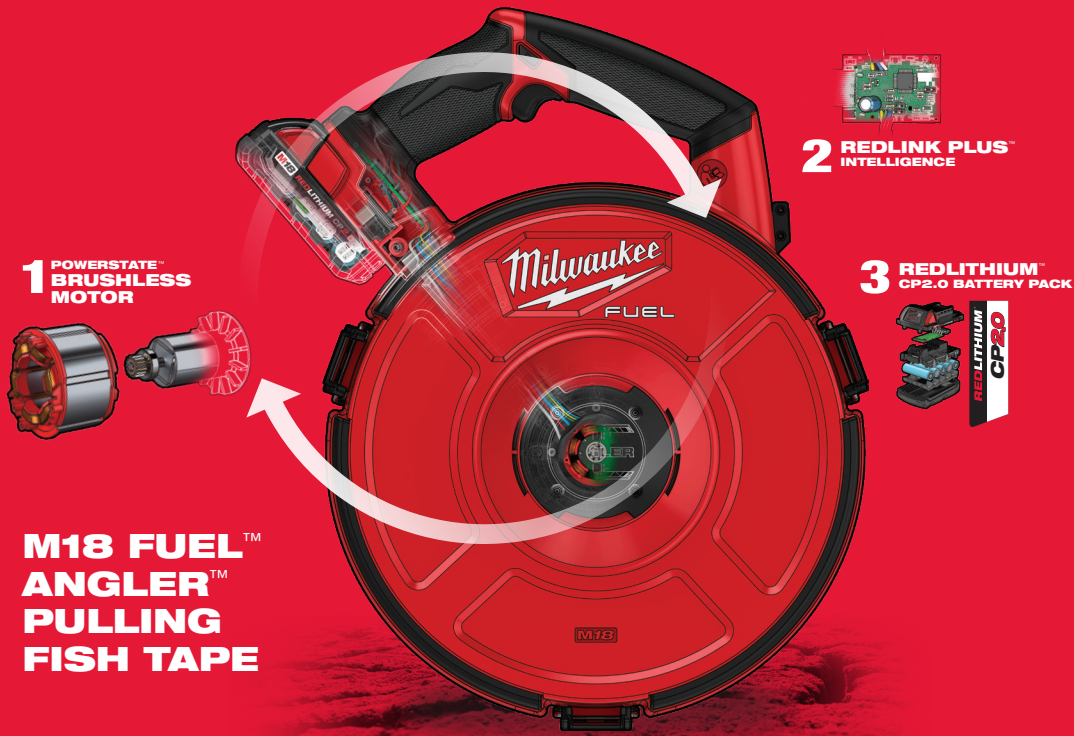


MET Part #	Description
48-22-4192	50ft Polyester Fish Tape with Flexible Metal Leader
48-22-4195	100ft Polyester Fish Tape with Flexible Metal Leader
48-22-4197	200ft Polyester Fish Tape with Flexible Metal Leader
48-22-4162	50ft Polyester Fish Tape with Nonconductive Tip
48-22-4165	100ft Polyester Fish Tape with Nonconductive Tip
48-22-4167	200ft Polyester Fish Tape with Nonconductive Tip

MET Part #	Description
48-22-4171	25ft 1/8" Steel Fish Tape
48-22-4172	50ft 1/8" Steel Fish Tape
48-22-4176	120ft 1/8" Steel Fish Tape
48-22-4178	240ft 1/8" Steel Fish Tape
48-22-4181	25ft 1/4" Steel Fish Tape with Low Profile Tip
48-22-4185	100ft 1/4" Steel Fish Tape

# PULLING SOLUTIONS

## M18 FUEL™



POWER TO PULL  
**200'** THROUGH  
360° BENDS

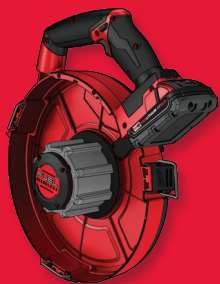
**AUTO-RUN™**  
POWERED  
FEED & RETRACT

**NO MESS,  
LESS BINDING**

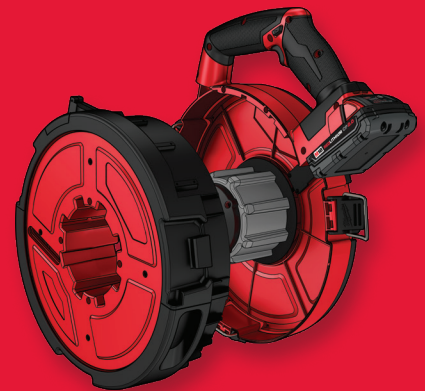
## ANGLER™

### INTERCHANGEABLE FISH TAPE SYSTEM

Swap replacement cartridges on a single powered base between different sizes, types and when cartridges need replacement.



+



### POWERED BASE

M18 FUEL™ ANGLER™ PULLING FISH TAPE POWERED BASE

- POWERSTATE™ Brushless Motor
- REDLINK PLUS™ Intelligence
- REDLITHIUM™ CP2.0 Battery Pack

### REPLACEMENT CARTRIDGES

STEEL  
120' x 1/8"  
48-44-5176

240' x 1/8"  
48-44-5178

NON-CONDUCTIVE  
100'  
48-44-5195

# PULLING SOLUTIONS

## M18 FUEL™ ANGLER™ PULLING FISH TAPE



**Non-Conductive Polyester Tape**  
High flexibility for easier payout

**Replacement Cartridge**  
Compatible with power base



**Sliding Anchor**  
To reduce chance of binding

**Cartridge Grips**  
For easy cartridge swap out

**AUTO-RUN™ Control Switch**

**M18™ REDLITHIUM™ CP2.0 Battery Pack**

**Quick-Change Latches**  
For easy cartridge swap out



**Steel Base**  
For improved flexibility and durability

**Powered Base**  
Powers three interchangeable cartridges

MET Part #	Description
2873-20	M18 FUEL™ ANGLER™ Pulling Fish Tape Powered Base
2873A-22	M18 FUEL™ ANGLER™ 120' Steel Pulling Fish Tape Kit
2873B-22	M18 FUEL™ ANGLER™ 240' Steel Pulling Fish Tape Kit

MET Part #	Description
48-44-5176	M18 FUEL™ ANGLER™ 120' x 1/8" Steel Pulling Fish Tape Replacement Cartridge
48-44-5178	M18 FUEL™ ANGLER™ 240' x 1/8" Steel Pulling Fish Tape Replacement Cartridge
48-44-5195	M18 FUEL™ ANGLER™ 100' Non-Conductive Polyester Pulling Fish Tape Replacement Cartridge

## FISH STICKS





# MOST DURABLE CONNECTIONS. BRIGHTEST GLOW.



MET Part #	Description	Kit Includes
48-22-4149	5ft Low Flex Fish Stick	(1) 5' Low Flex Fish Stick, and Bullet Nose
48-22-4150	15ft Low Flex Fish Stick Kit	(3) 5' Low Flex Fish Sticks, Storage Tube, Bullet Nose and Hook
48-22-4151	5ft Mid Flex Fish Stick	(1) 5' Mid Flex Fish Stick, and Bullet Nose
48-22-4152	15ft Mid Flex Fish Stick Kit	(3) 5' Mid Flex Fish Sticks, Storage Tube, Bullet Nose and Hook
48-22-4153	5ft High Flex Fish Stick	(1) 5' High Flex Fish Stick, and Bullet Nose
48-22-4154	15ft High Flex Fish Stick Kit	(3) 5' High Flex Fish Sticks, Storage Tube, Bullet Nose and Hook





MET Part #	Description	Kit Includes
48-22-4160	25ft Fish Stick Combo Kit	(4) 5' Low Flex, (1) 5' Mid Flex Fish Sticks, (1) Storage Tube, Bullet Nose and Hook
48-22-4155	30ft Fish Stick Combo Kit	(4) 5' Low Flex, (1) 5' Mid Flex, (1) 5' High Flex Fish Sticks, (1) Storage Case, Bullet Nose, Hook, and Whisk
48-22-4156	60ft Fish Stick Combo Kit	(7) 5' Low Flex, (3) 5' Mid Flex, (2) 5' High Flex Fish Sticks, (1) Storage Case, Bullet Nose, Hook, Whisk, Magnet & Chain and Lighted Tip
48-22-4157	3 Pc. Fish Stick Accessory Kit	(1) Whisk, Bullet Nose, and Hook
48-22-4158	Fish Stick Lighted Tip Accessory	(1) Lighted Tip Accessory
48-22-4159	Fish Stick Magnetic Tip and Chain Accessory	(1) Magnetic Tip and (1) Chain Accessory

# BENDING & PULLING SELLING GUIDE

PULLING SOLUTIONS				Ideal	Greenlee	Klein	Southwire	Gardner Bender
M18 FUEL™ ANGLER™ PULLING FISH TAPES		2873-20	M18 FUEL™ ANGLER™ Pulling Fish Tape Powered Base	N/A	N/A	N/A	N/A	N/A
		2873A-22	M18 FUEL™ ANGLER™ 120' Steel Pulling Fish Tape Kit	N/A	N/A	N/A	N/A	N/A
		2873B-22	M18 FUEL™ ANGLER™ 240' Steel Pulling Fish Tape Kit	N/A	N/A	N/A	N/A	N/A
		48-44-5176	M18 FUEL™ ANGLER™ 120' x 1/8" Steel Pulling Fish Tape Replacement Cartridge	N/A	N/A	N/A	N/A	N/A
		48-44-5178	M18 FUEL™ ANGLER™ 240' x 1/8" Steel Pulling Fish Tape Replacement Cartridge	N/A	N/A	N/A	N/A	N/A
		48-44-5195	M18 FUEL™ ANGLER™ 100' Non-Conductive Polyester Pulling Fish Tape Replacement Cartridge	N/A	N/A	N/A	N/A	N/A
POLYESTER FISH TAPES WITH NONCONDUCTIVE TIPS		48-22-4162	50ft Polyester Fish Tape with Nonconductive Tip	31-086	FTF540-50	56382	FTSP45-75NCT	N/A
		48-22-4165	100ft Polyester Fish Tape with Nonconductive Tip	31-087	FTF540-100	56383	FTSP45-125NCT	FTN-100R
		48-22-4167	200ft Polyester Fish Tape with Nonconductive Tip	31-088	N/A	56059	N/A	N/A
POLYESTER FISH TAPES WITH FLEXIBLE METAL LEADERS		48-22-4192	50ft Polyester Fish Tape with Flexible Metal Leader	31-060	N/A	56350	FTSP45-75FML	N/A
		48-22-4195	100ft Polyester Fish Tape with Flexible Metal Leader	31-061	N/A	56351	FTSP45-125FML	N/A
		48-22-4197	200ft Polyester Fish Tape with Flexible Metal Leader	31-064	N/A	56014	FTSP45-240FMLT	N/A
STEEL FISH TAPES		48-22-4171	25ft 1/8" Steel Fish Tape	31-012	N/A	N/A	FTS1/8-25	N/A
		48-22-4172	50ft 1/8" Steel Fish Tape	31-010	438-5H	56331	FTS1/8-50	FTS-50B
		48-22-4176	120ft 1/8" Steel Fish Tape	31-056	FTS438-125	56333	FTS1/8-125	FTS-125R
		48-22-4178	240ft 1/8" Steel Fish Tape	31-057	FTS438-240	56334	FTS1/8-240	FTS-250R
		48-22-4181	25ft 1/4" Steel Fish Tape with Low Profile Tip	N/A	N/A	56335	FTS1/4-25	EFT-21PN
		48-22-4185	100ft 1/4" Steel Fish Tape	31-058	FTS438W-100	56006	N/A	N/A



# BENDING & PULLING SELLING GUIDE

BENDING & PULLING SOLUTIONS				Ideal	Greenlee	Klein	Southwire	Gardner Bender
EMT IRON CONDUIT BENDERS		48-22-4080	1/2" EMT Iron Conduit Bender	74-026	840FH	56203	N/A	N/A
		48-22-4081	3/4" EMT Iron Conduit Bender	74-027	841FH	56204	N/A	N/A
		48-22-4082	1" EMT Iron Conduit Bender	74-028	842FH	56205	MCB1	N/A
EMT ALUMINUM CONDUIT BENDERS		48-22-4070	1/2" EMT Aluminum Conduit Bender	74-046	840AH	56206	MCB1/2	960H
		48-22-4071	3/4" EMT Aluminum Conduit Bender	74-047	841AH	56207	MCB3/4	961H
		48-22-4072	1" EMT Aluminum Conduit Bender	N/A	842AH	N/A	N/A	N/A
FISH STICKS		48-22-4149	5ft Low Flex Fish Stick	N/A	N/A	N/A	N/A	N/A
		48-22-4150	15ft Low Flex Fish Stick Kit	31-611	540-12	56312	N/A	FTX-12L & FTX-15GL
		48-22-4151	5ft Mid Flex Fish Stick	N/A	N/A	N/A	N/A	N/A
		48-22-4152	15ft Mid Flex Fish Stick Kit	31-631	540-15	56415	FS12 & FS15	N/A
		48-22-4153	5ft High Flex Fish Stick	N/A	540-6	56406	N/A	N/A
		48-22-4154	15ft High Flex Fish Stick Kit	N/A	560-18	56418	N/A	N/A
		48-22-4160	25ft Fish Stick Combo Kit	N/A	540-24	56325	N/A	N/A
		48-22-4155	30ft Fish Stick Combo Kit	N/A	N/A	56400	N/A	N/A
		48-22-4156	60ft Fish Stick Combo Kit	N/A	N/A	56326	N/A	N/A
FISH STICK ACCESSORIES		48-22-4157	3 Pc Fish Stick Accessory Kit	31-651 & 31-652	10497 & 10498 & 11426	56104	N/A	N/A
		48-22-4158	Fish Stick Lighted Tip Accessory	N/A	N/A	56119	N/A	N/A
		48-22-4159	Fish Stick Magnetic Tip and Chain Accessory	N/A	N/A	N/A	N/A	N/A

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NEWS™**



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