

HOUSEHOLD

FISH TAPES

• PIPES : Ø 16 TO 50 mm • LENGTHS : UP TO 30 m

STANDARD RANGE

BALANCE BETWEEN FUNCTIONALITY AND PRICE FOR INSTALLATIONS THAT POSE LITTLE DIFFICULTY

1. NYLON BI-NYLON

p. 15-20

- · A true classic.
- · Economical.
- · Long durability.
- · Maximum flexibility.
- · Lower pushing or twisting strength.



2. COATED STEEL

FLAT BAND STEEL ROUND STEEL CABLE

p. 16-21

- · Strong and versatile
- · For heavy-duty work
- · Excellent twisting, easy insertion and great durability.



PREMIUM RANGE

THE BEST FEATURES IN TWO PROFESSIONAL RANGES FOR MEDIUM-HIGH DIFFICULTY INSTALLATIONS

3. COATED FIBREGLASS ROD

p. 16-21

- $\cdot \, \mathsf{Hard} \, \, \mathsf{exterior}.$
- · Maximum rigidity and pushing strength.
- · Minimum friction.
- · Perfect for straight sections with few bends.



4. TWISTED POLYESTER

TRIPLE TWISTED MONOFILAMENT TWISTED

p. 17-22

- · Innovation and versatility.
- · Maximum pushing and twisting strength.
- · Minimum friction.
- Maximum flexibility in bends and maximum rigidity in straight sections.
- · Does not split when folding.



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FISH TAPE

HOUSEHOLD

Length up to 30 metres Pipes, conduits and ducts from <u>Ø16 to 50 mm</u>



OUR RANGE OF MATERIALS IS OUR GUARANTEE OF SATISFACTION.

WE HELP YOU CHOOSE. CHOOSE WELL.





itable for indoor installations in					DUGUING									111-21-22
mes and places where the piping ed is small diameter.	GENERAL				PUSHING						PULLING RECOMMENT		NDATIO	
eu is small diameter.	MATERIALS	MATERIAL DIAME- TER Ø mm	COLOUR	AVERAGE DU- RABILITY	EASY INSERTION	DIAMETER OF TURN Ø cm	EASY TURN	FRICTION	TWISTING STRENGTH	PUSHING STRENGTH	TENSILE STRENGTH	BREAKING STRENGTH	IDEAL PIPE Ø mm	OPTIMAL LENGTH I
MATERIALS FOR HOUSEHOLD INSTALLATIONS	•	\rightarrow		T	→ ••••••••••••••••••••••••••••••••••••			>₹ \\\ \\			← <u>√</u> →	M		∠
ANDARD RANGE														
NYLON Solid Monofilament		3 mm 4 mm	••	Long	* * * * * *	2 cm 4 cm	High Normal	Normal	Normal	Normal	100 kg 120 kg	***	16-20 mm 20-25 mm	10-15 10-15
BY-NYLON Solid Monofilament		4 mm		Long	***	4 cm	High	Normal	Normal	Normal	120 kg	****	20-32 mm	10-20
FLAT BAND STEEL Polypropylene-Coated		4 mm		Medium	****	8 cm	Very High	Low	Very High	High	130 kg	***	20-32 mm	10-20
STEEL CABLE Polypropylene-Coated		4 mm		Long	***	6 cm	Very High	Low	High	High	130 kg	****	20-32 mm	10-2
STEEL CABLE Nylon-Coated		§ 4 mm		Very Long	★★★ ☆☆	6 cm	Very High	Very Low	High	High	130 kg	****	20-32 mm	10-2
EMIUM RANGE														
FIBREGLASS ROD Polypropylene-Coated		3 mm 3.5 mm		– Short	****	6 cm 8 cm	Very High Very High	Scant	Very High	Very High	80 kg	***	16-50 mm	10-30
FIBREGLASS ROD Nylon-Coated		3 mm		Short	****	6 cm	Very High	Scant	Very High	Very High	80 kg	****	16-50 mm	10-30
POLYESTER Triple Braided		4 mm		Very Long	****	3 cm	Very High	Minimum	Very High	High	130 kg	****	16-32 mm	10-30
POLYESTER Monofilament Braided		4.5 mm 3 mm	•	Maximum	****	3 cm 2 cm	Very High	Minimum	Very High	Very High High	80 kg	****	20-50 mm 10-20 mm	6-18
POLYESTER Monofilament Braided		4.5 mm		Maximum	****	4 cm	High	Very Low	Maximum	Maximum	140 kg	****	20-50 mm	10-30

MAIN FEATURES

FRICTION

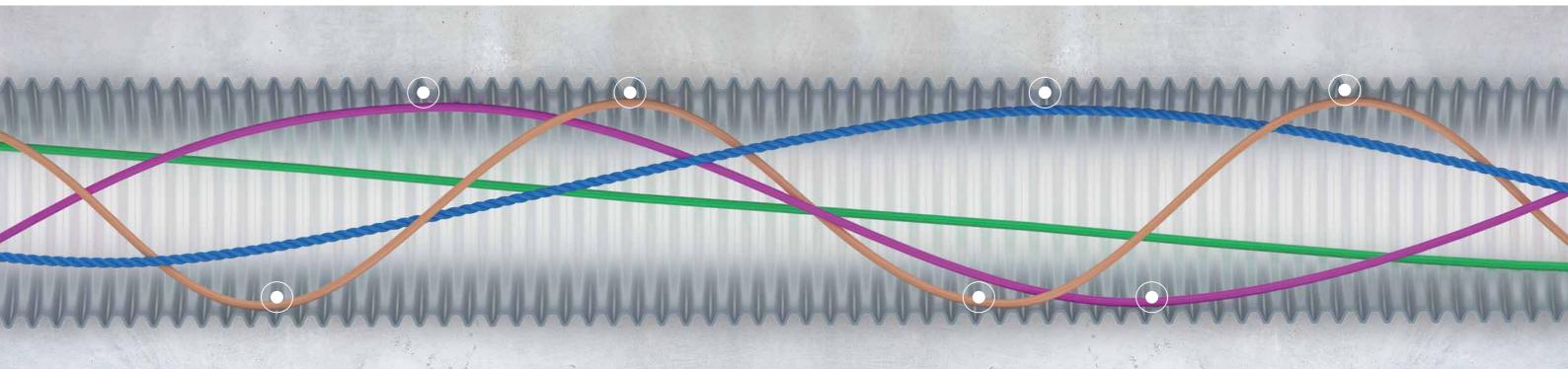
Friction inside the pipe is decisive in a fish tape's characteristics.

Each material combines memory effect, shape, flexibility and texture in a different way.

Straighter materials with no memory, such as fibreglass or twisted polyester, create less friction in straight sections, whereas nylon, which snakes more, will always create greater friction.

LESS CONTACT, **BETTER INSERTION**

FRICTION POINTS (depending on the material)



STANDARD RANGE

NYLON / BI-NYLON



It is the material with the greatest memory effect and therefore has more friction points. The new, reformulated bi-nylon is more flexible and has less friction.

COATED STEEL



Available with flat band steel and round steel cable. These materials have little memory effect and are very suitable for heavy duty work. Flat band steel, which weighs less, delivers better anti-friction behaviour.

PREMIUM RANGE

FIBREGLASS



These rods have great pushing strength, making them perfect against friction in straight sections. The 3 mm rod is more flexible and has less friction at bends. It is a fragile material with no memory effect.

TWISTED POLYESTER



Twisted material halves friction and has barely any memory effect. Triple twist (3 monofilaments) is more flexible and has less friction at bends. Monofilament twist is more rigid.

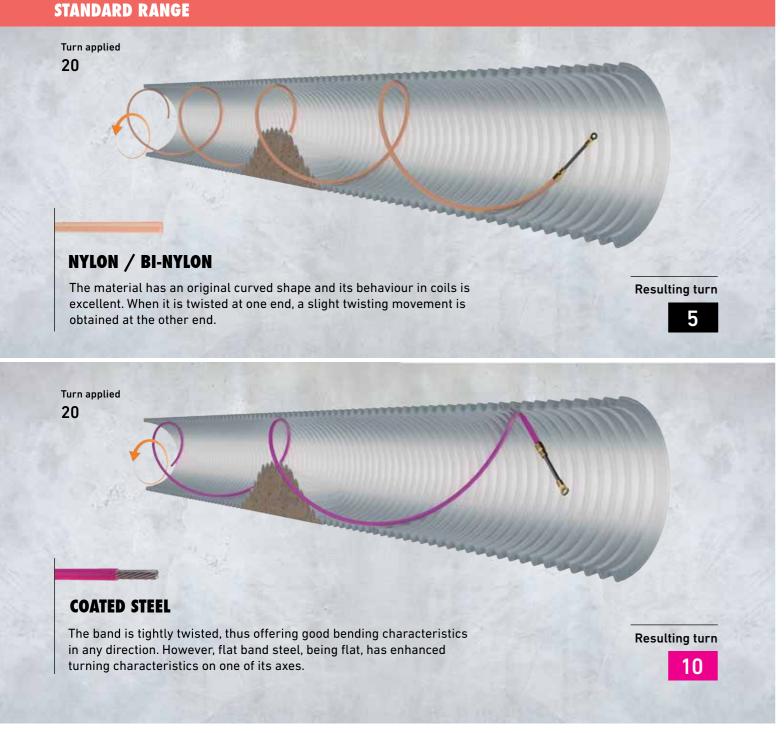
MAIN FEATURES

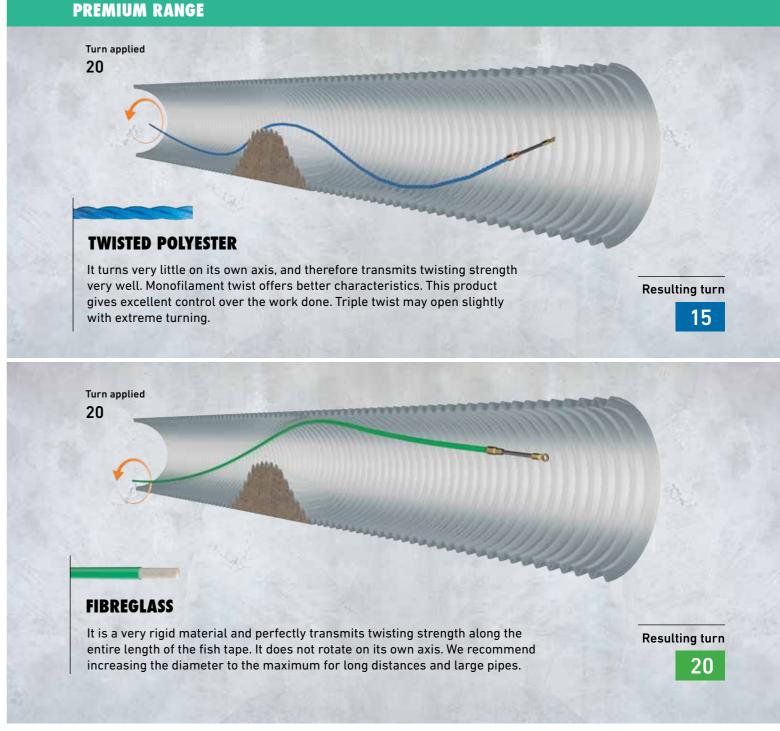
TWISTING STRENGTH

Turn control is indispensable for getting around possible obstacles, bends and other barriers the fish tape may encounter. It is a control characteristic.

When the fish tape is pushed and twisted at the same time, if the material remains firm it turns on its axis, and the movements made by the hands therefore reach the end, often finding the best route to push the cable through.

GREATER TWISTING STRENGTH, GREATER CONTROL OVER THE SITUACIÓN





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MAIN FEATURES

PUSHING STRENGTH

when a fish tape is inserted into a pipe be transmitted all along its entire length to the other end.

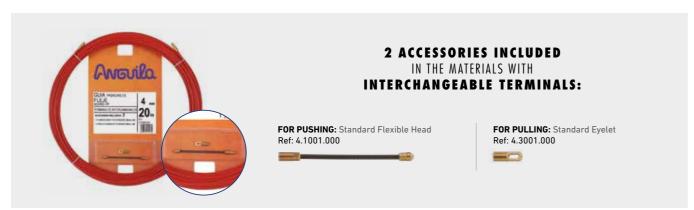
It is important that all the pushing strength applied The most rigid materials and those with the largest diameter do not bend, meaning the pushing strength from one end is more easily transmitted to the fish tape head.

GREATER PUSHING STRENGTH, **GREATER DISTANCE**

NYLON / BI-NYLON These are monofilaments made with the material with the lowest pushing strength. In distances above 20 m their features are critical. When they encounter a major obstacle, they snake and occupy the entire pipe, mainly the 3 mm diameter ones, which are more flexible. COATED STEEL It has an excellent balance between flexibility and rigidity, giving it good features in terms of pushing strength. The round steel cable is heavier and can reach greater distances. TWISTED POLYESTER The monofilament twist is more rigid and permits greater pushing strength. It does not break when bent and easily regains its original shape without taking any damage. It can be used to reach longer distances. **FIBREGLASS** It is the material with the greatest pushing strength because the rods are made of flexible fibreglass. If the pipe is large, we recommend the use of a large-diameter rod in order to avoid looping and kinking on the inside that could break the product.









FISH TAPE MONOFILAMENT NYLON

Avoila

FIXED TERMINALS



NYLON SOLI	D MONOFILAME				
Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACCESSORIES
	F	10	•	1.4003.005	
	5 m	10	•	1.4103.005	
	10	20	•	1.4003.010	
	10 m	20	•	1.4103.010	
	15	20	•	1.4003.015	
2	15 m	20	•	1.4103.015	
3 mm	20	10	•	1.4003.020	
	20 m		•	1.4103.020	
	25	10	•	1.4003.025	
	25 m	10	•	1.4103.025	
	20	10	•	1.4003.030	
	30 m	10	•	1.4103.030	
Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACCESSORIES
DIAMETER	E	10	0020011	1.4004.005	AGGESSONIES



	30 111	10	•	1.4103.030	
Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACCESSORIES
	F	10		1.4004.005	
	5 m	10	•	1.4104.005	
	10	20	•	1.4004.010	
	10 m	20	•	1.4104.010	
	15 m	20	•	1.4004.015	
/			•	1.4104.015	
4 mm			•	1.4004.020	
	20 m	20	•	1.4104.020	
	25	10	•	1.4004.025	
	25 m	10	•	1.4104.025	
	20	4.0	•	1.4004.030	
	30 m	10	•	1.4104.030	

INTERCHANGEABLE TERMINALS







Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACCESSORIES
	5 m	10		1.2004.005	
	2 111	10	•	1.2104.005	
	10 m	20	•	1.2004.010	
	10 111	20	•	1.2104.010	
	15 m	20	•	1.2004.015	
4 mm	15 111	20	•	1.2104.015	2 Accessories
4 mm	20 m	20	•	1.2004.020	included (page 14)
	20 111	20	•	1.2104.020	
	25 m	10	•	1.2004.025	
	25 111	10	•	1.2104.025	
	30 m	20 40		1.2004.030	
	30 111	10	•	1.2104.030	

HOUSEHOLD FISH TAPES

STANDARD RANGE

Antila

FISH TAPE STEEL + POLYPROPYLENE

INTERCHANGEABLE TERMINALS



FLAT BAND	STEEL + PO	LYPROPYLENE			
Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACCESSORIES
	10 m	10	_	2.0400.010	
	15 m	10		2.0400.015	2 Accessories
4 mm	20 m	10		2.0400.020	included (page 14)
	30 m	5		2.0400.030	



STEEL CABI	LE +POLYPROP	YLENE			
Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACCESSORIES
		6.0400.010			
	15 m	10		6.0400.015	2 Accessories
4 mm	20 m	10		6.0400.020	included (page 14)
	30 m	5	-	6.0400.030	

Models available with VH250 Container with brake. See p. 30

PREMIUM RANGE

FISH TAPE FIBREGLASS + POLYPROPYLENE

INTERCHANGEABLE TERMINALS



IBREGLAS	S + POLYPROP	YLENE			
Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACCESSORIES
	10 m	5		3.0300.010	
2	15 m	5		3.0300.015	2 Accessories
3 mm	20 m	5		3.0300.020	included (page 14)
	30 m	5		3.0300.030	



FIBREGLASS	S + POLYPROPY	/ L E N E			
Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACCESSORIES
	10 m	5		3.0350.010	
2.5	15 m	5		3.0350.015	2 Accessories
3.5 mm	20 m	5		3.0350.020	included (page 14)
	30 m	5	-	3.0350.030	

Models available with VH250 Container with brake. See p. 30-31

FISH TAPE BRAIDED POLYESTER

PREMIUM RANGE

INTERCHANGEABLE TERMINALS



TRIPLE BR	AIDED POLYE	STER			
Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACCESSORIES
	10 m 5		7.0400.010		
	15 m	5	-	7.0400.015	2 Accessories
4 mm	20 m	5		7.0400.020	included (page 14)
	30 m	5	_	7.0400.030	



RIPLE BR	AIDED POLYES	STER			
Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACCESSORIES
	10 m	5	_	7.0450.010	
/ F	15 m	5		7.0450.015	2 Accessories
4.5 mm	20 m	5		7.0450.020	included (page 14)
	30 m	5	_	7.0450.030	

FIXED PULLING TERMINALS WITH LOOP



A O N O F I L A I	MENT BRAII				
Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACCESSORIES
	6 m	5	_	7.3300.006	
3 mm	12 m	5		7.3300.012	-
	18 m	5	_	7.3300.018	

INTERCHANGEABLE TERMINALS



IONOFILA <i>I</i>	MENT BRAIL	DED POLYEST	ΓER		
Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACCESSORIES
	10 m	5		7.1450.010	
<i>(</i> F	15 m	5	-	7.1450.015	2 Accessories
4.5 mm	20 m	5		7.1450.020	included (page 14)
	30 m*	5	-	7.1450.030	

Models available with VH450 Container with brake. See p. 31

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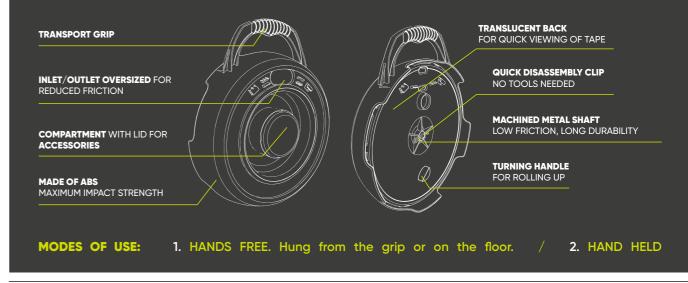


INNOVATION IN FISH TAPE

- MORE EFFECTIVE AND TIME-SAVING WORK.
- MORE RESISTANT MATERIALS.
 MORE DURABLE COATINGS.
- MORE ADAPTABLE LENGTHS:
 12, 22, 32 m / 6, 12, 18 m.
- MULTIPLE ACCESSORIES INCLUDED.

FIXED FLEXIBLE PULLING HEAD Ø 8 mm M5 • All-in-one • Speed: Push, tie and pull • Versatility: For all accessories. Screw terminal Ø6 mm M5 FIXED FLEXIBLE HEAD Ø 5 mm • Special narrow conduit or with cables already installed. • Minimalism, flexibility and rigidity. • Versatility: All the accessories.





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ACCESSORIES INCLUDED IN ANGUILA MAX

		STANDARD RANGE	PREMIUA	N RANGE
		BY-NYLON Solid Monofilament STEEL CABLE Nylon coated	FIBREGLASS ROD Nylon-Coated	POLYESTER Triple Braided POLYESTER Monofilament Braided
4.1001.000 STANDARD FLEXIBLE HEAD	=	1	1	1
4.1001.002 SUPER FLEXIBLE HEAD	-		1	1
4.1001.003 SWIVELLING FLEXIBLE HEAD	-		1	1
4.6004.000 FIXED BRASS SLEEVE	_	1	1	1
4.8000.015 BRASS SCREW TERMINAL FOR Ø3 mm FIBRE	-		2	
4.3001.000 STANDARD EYELET		2	2	2
4.3001.001 BRASS EYELET			1	1
4.3001.002 STEEL LOOP	-		1	1
ТО	TAL	4	10	8

STANDARD RANGE

FISH TAPE MONOFILAMENT NYLON





BI-NYLON S					
Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACCESSORIES
	12 m	20		1.5240.012	4 Accessories
4 mm	22 m	20		1.5240.022	included (page 20)

Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACCESSORIES
4 mm	12 m	4		W1.5240.012	4 Accessories
4 111111	22 m	4		W1.5240.022	included (page 20)

STANDARD RANGE

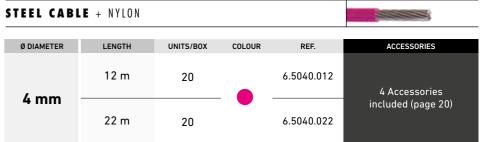
FISH TAPE STEEL+NYLON



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MIXED TERMINALS







WINDER + ANGUILA MAX STEEL CABLE + NYLON

Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACCESSORIES
	12 m	4		W6.5040.012	4 Accessories
4 mm	22 m	4		W6.5040.022	included (page 20)

PREMIUM RANGE

FISH TAPE FIBREGLASS + NYLON

MIXED TERMINALS



REINFORCE	D FIBREGLA				
Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACCESSORIES
	12 m	5		3.5030.012	
3 mm	22 m	5		3.5030.022	10 Accessories included (page 20)
	32 m	5	-	3.5030.032	



VINDED		ANCILLA	MAV	DEINEODCED	FIBREGLASS -	. NVION
VINDEK	(+)	ANGUILA	MAX	KEINFUKLED	LIRKEPLASS .	+ NYLUN

3 mm 22 m 4 W3.5030.012 3 mm 4 W3.5030.022 10 Accessories included (page 20) 32 m 4 W3.5030.032	Ø DIAME	TER	LENGTH	UNITS/BOX	COLOUR	REF.	ACCESSORIES
3 mm 22 m 4 W3.5030.022 included (page 20)			12 m	4		W3.5030.012	
32 m 4 W3.5030.032	3 m	m	22 m	4		W3.5030.022	
			32 m	4	-	W3.5030.032	

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FISH TAPE BRAIDED POLYESTER



MIXED TERMINALS



TRIPLE BRAIDED POLYESTER					
Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACCESSORIES
/ E mm	12 m 5		7.5045.012	8 Accessories	
4.5 mm	22 m	5		7.5045.022	included (page 20)

WINDER (+) ANGUILA MAX TRIPLE BRAIDED POLYESTER

Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACCESSORIES
/ E	12 m	4		W7.5045.012	8 Accessories
4.5 mm	22 m	2 m 4		W7.5045.022	included (page 20)



TRIPLE BRAIDED, A SOLUTION FOR EVERY INSTALLATION

TRIPLE BRAIDED Ø4,5 mm FOR BENDS

- Perfect balance between flexibility and rigidity.
 Greater twisting strength, greater control over the situation
- Manufactured with three braided threads.
 Helps to minimize friction.
- High durability material.
 Doesn't break or mark when bent.





MONOFILA	MENT BRAII				
Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACCESSORIES
	6 m	5		7.5330.006	
3 mm	12 m	5		7.5330.012	8 Accessories included (page 20)
	18 m	5		7.5330.018	

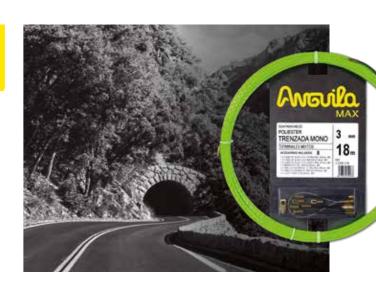
WINDER + ANGUILA MAX MONOFILAMENT TRIPLE BRAIDED POLYESTER

Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACCESSORIES
12 m	12 m	4	4		8 Accessories
3 mm	18 m	4		W7.5330.018	included (page 20)



- Flexibility, rigidity and minimalism.

 Reduced diameter to facilitate work in very narrow pipes or with cables already installed.
- Manufactured with helical monofilament.
 Helps to minimize friction.
- **High durability material.**Doesn't break or mark when bent.





MONOFILAMENT BRAIDED POLYESTER					
Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACCESSORIES
	12 m	5		7.5145.012	
4.5 mm	22 m	5		7.5145.022	8 Accessories included (page 20)
	32 m	5		7.5145.032	

WINDER (+) ANGUILA MAX MONOFILAMENT TRIPLE BRAIDED POLYESTER

Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACCESSORIES
4.5 mm	12 m	4		W7.5145.012	8 Accessories
	22 m	4		W7.5145.022	included (page 20)

MONOFILAMENT BRAIDED Ø4,5 mm FOR STRAIGHT RUNS

High rigidity provides maximum thrust.
 Reaches the longest distances in straight runs.

Manufactured with helical monofilament.

Helps to minimize friction.

High durability material.

• Doesn't break or mark when bent.



ACCESSORIES

FOR HOUSEHOLD FISH TAPES

FOR PUSHING THROUGH: HEADS

PRODUCT	DESCRIPTION	REF.	PACKING
=	Standard Flexible Head Ø6 mm, M5	4.1001.000	10 units 50 units
	Wide Flexible Head Ø10 mm, M5	4.1001.001	1 unit 5 units
	Super Flexible Head Ø13 mm, M5	4.1001.002	1 unit 5 units
	Swivelling Flexible Head Ø7 mm, M5	4.1001.003	<u>1ud.</u> 5 units
	Set of 3 Flexible Heads Ø6, 10, 13 mm, M5	4.1001.005	1 unit 5 units
	Flexible Pulling Head (100 kg) Ø6 mm, M5	4.1005.000	1ud. 5 units
	Flexible Pulling Head (100 kg) Ø8 mm, M5	4.1007.000	1ud. 5 units
■	Perforating Head Ø6 mm, M5	4.1008.000	1 unit5 units

FOR PULLING: EYELETS, LOOPS, CABLE PULLING GRIPS

RODUCT	DESCRIPTION	REF.	PACKING
	Standard Eyelet Ø6 mm, M5	4.3001.000	10 units 50 units
9	Brass Eyelet Ø10 mm, M5	4.3001.001	1 unit 5 units
	Steel Loop Ø6 mm, M5	4.3001.002	1 unit 5 units
	Triple Steel Loop Ø6 mm, M5	4.3001.003	1 unit 5 units
	Pulling grip (sock) for Ø4-9 mm cable Ø6 mm, M5	4.7001.000	1 unit
	Pulling grip (sock) for Ø9-15 mm cable Ø6 mm, M5	4.7001.001	1 unit
-	Pulling grip (sock) for Ø4-6 mm cable Ø6 mm, M5	4.7001.010	1 unit
	Pulling grip (sock) for Ø6-9 mm cable Ø6 mm, M5	4.7001.011	1 unit
	Pulling grip (sock) for Ø9-12 mm cable Ø6 mm, M5	4.7001.012	1 unit

COUPLING JOINTS: FIXED AND SWIVEL

PRODUCT	DESCRIPTION	REF.	PACKING
	Fixed Brass Coupling Link Ø6 mm, M5 - M5 Double Thread	4.6004.000	1 unit 10 units
	Aluminium Swivel Link Ø14 mm, M5 - M5	4.6005.000	1 unit

KITS: ACCESSORY SETS

PRODUCT	DESCRIPTION	REF.	PACKING
4.1001.000 4.3001.000 4.3001.001 4.1001.002 4.6004.000	MAX TRENZA Accessories Set Ø6 mm M5	4.1200.001	8 units

REPAIR ITEMS FOR FIBRE

PRODUCT	DESCRIPTION	REF.	PACKING
	Brass screw terminal for Ø3.0 mm fibre Ø6 mm, M5	4.8000.015	1 unit 10 units
	Brass screw terminal for Ø3.5 mm fibre Ø6 mm, M5	4.8000.001	1 unit 10 units
	Ø3,0 mm Fibre Terminal Repair Kit Ø6 mm (1 set) * Does not include adhesive.	4.8015.000	1 unit
	Ø3,0 mm Fibre Terminal Repair Kit Ø6 mm (1 set) * Does not include adhesive.	4.8001.000	1 unit
	Simple Join Kit for Ø3 mm Fibre Ø6 mm (3 units)	4.8006.001	1 unit
	Simple Join Kit for Ø3,5 mm Fibre Ø6 mm (3 units)	4.8006.000	1 unit
å	Adhesive for Fibre 5 ml	4.8100.000	1 unit
	Small Crimping Pliers 38 cm Ø6/8 mm Fibre Terminal Repair (matrices for repair not included)	4.8501.000	1 unit
	Set of 2 Matrices for Repair Ø6/8 mm Fibre Terminals Circular Bolting	4.8502.001	2 units
	Set of 2 Matrices for Repair Ø6/8 mm Fibre Terminals Hexagonal Bolting	4.8502.002	2 units
**	Set of 2 Matrices for Repair Terminals Ø5/6/7/8mm Circular Bolting	4.8502.003	2 units

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