

Arcoxia

CATALOGUE 2022





Anguila

More than 25 years specialising in the design, manufacture and marketing of fish tape and its accessories.

We offer you the right fish tape for every installation

Taking into account:

- DISTANCE
- PIPE / CONDUIT DIAMETER
- EMPTY / NEW PIPES
- CABLES ALREADY INSTALLED
- WITH BENDS / STRAIGHT

Technology · Quality · Specialisation · Commitment

www.estiare.com

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household fish tapes

LENGTHS OF UP TO 30 METRES / PIPES Ø16 - 50 mm

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INDUSTRIAL FISH TAPES AND CONDUIT RODS

LENGTHS OF UP TO 300 METRES / PIPES Ø40 - 200 mm

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Anguila

FISH TAPE

HOUSEHOLD

Suitable for indoor installations in homes and places where the piping used is small diameter.

Length up to 30 metres

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

- Hard 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.



FISH TAPE

HOUSEHOLD

Length up to 30 metres
Pipes, conduits and ducts from Ø16 to 50 mm



OUR RANGE OF MATERIALS IS OUR GUARANTEE OF SATISFACTION.
WE HELP YOU CHOOSE. CHOOSE WELL.



Suitable for indoor installations in homes and places where the piping used is small diameter.

FEATURES

GENERAL				PUSHING			PULLING			RECOMMENDATIONS			
MATERIALS	MATERIAL DIAMETER Ø mm	COLOUR	AVERAGE DURABILITY	EASY INSERTION	DIAMETER OF TURN Ø cm	EASY TURN	FRICITION	TWISTING STRENGTH	PUSHING STRENGTH	TENSILE STRENGTH	BREAKING STRENGTH	IDEAL PIPE Ø mm	OPTIMAL LENGTH m

MATERIALS FOR HOUSEHOLD INSTALLATIONS

STANDARD RANGE

1	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 m 10-15 m
	BY-NYLON Solid Monofilament		4 mm		Long	☆☆☆☆☆	4 cm	High	Normal	Normal	Normal	120 kg	☆☆☆☆☆	20-32 mm	10-20 m
2	FLAT BAND STEEL Polypropylene-Coated		4 mm		Medium	☆☆☆☆☆	8 cm	Very High	Low	Very High	High	130 kg	☆☆☆☆☆	20-32 mm	10-20 m
	STEEL CABLE Polypropylene-Coated		4 mm		Long	☆☆☆☆☆	6 cm	Very High	Low	High	High	130 kg	☆☆☆☆☆	20-32 mm	10-20 m
	STEEL CABLE Nylon-Coated		4 mm		Very Long	☆☆☆☆☆	6 cm	Very High	Very Low	High	High	130 kg	☆☆☆☆☆	20-32 mm	10-20 m

PREMIUM RANGE

3	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 m
	FIBREGLASS ROD Nylon-Coated		3 mm		Short	☆☆☆☆☆	6 cm	Very High	Scant	Very High	Very High	80 kg	☆☆☆☆☆	16-50 mm	10-30 m
4	POLYESTER Triple Braided		4 mm 4.5 mm		Very Long	☆☆☆☆☆	3 cm 3 cm	Very High	Minimum	Very High	High Very High	130 kg	☆☆☆☆☆	16-32 mm 20-50 mm	10-30 m
	POLYESTER Monofilament Braided		3 mm		Maximum	☆☆☆☆☆	2 cm	Very High	Minimum	Very High	High	80 kg	☆☆☆☆☆	10-20 mm	6-18 m
	POLYESTER Monofilament Braided		4.5 mm		Maximum	☆☆☆☆☆	4 cm	High	Very Low	Maximum	Maximum	140 kg	☆☆☆☆☆	20-50 mm	10-30 m

★ Normal ★★ Good ★★★ Very good ★★★★ Excellent ★★★★★ Maximum

MAIN FEATURES

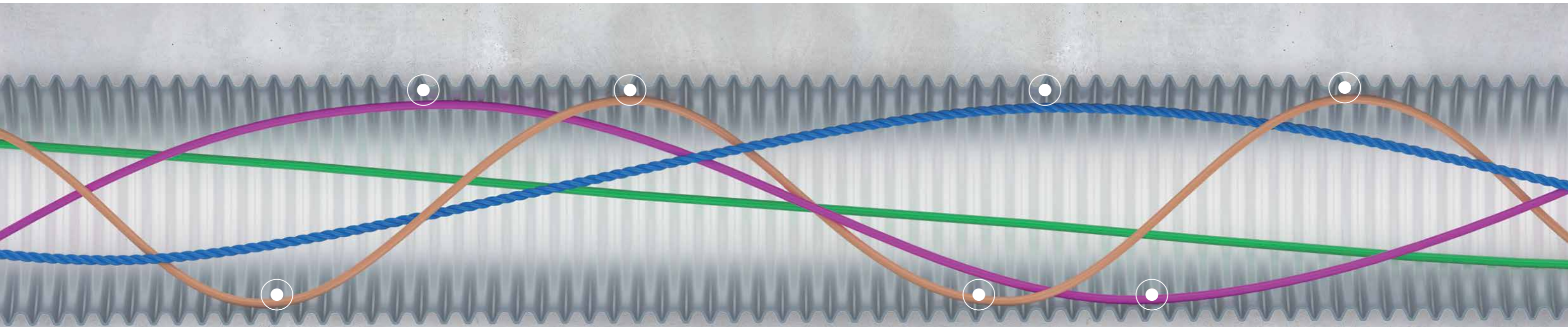
FRICITION

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.

● FRICTION POINTS (depending on the material)



LESS CONTACT, BETTER INSERTION

STANDARD RANGE

NYLON / BI-NYLON

● 4

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

● 2

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

● 0

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

● 1

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

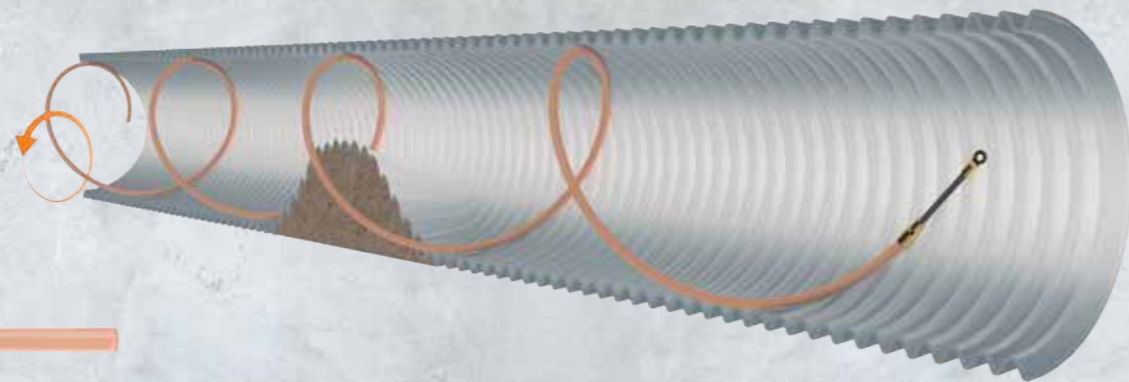
Turn control is indispensable for getting around possible obstacles, bends and other barriers the fish tape may encounter. It is a control characteristic.

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

STANDARD RANGE

Turn applied
20



NYLON / BI-NYLON

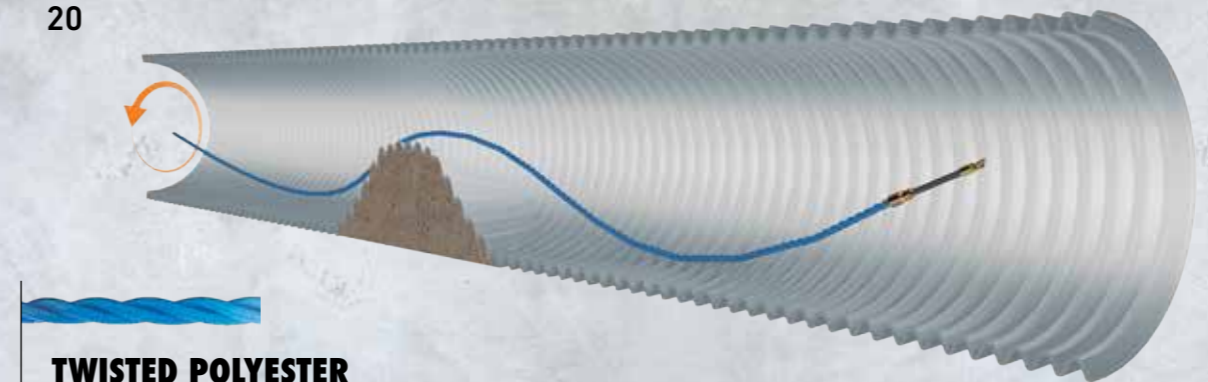
The material has an original curved shape and its behaviour in coils is excellent. When it is twisted at one end, a slight twisting movement is obtained at the other end.

Resulting turn

5

PREMIUM RANGE

Turn applied
20



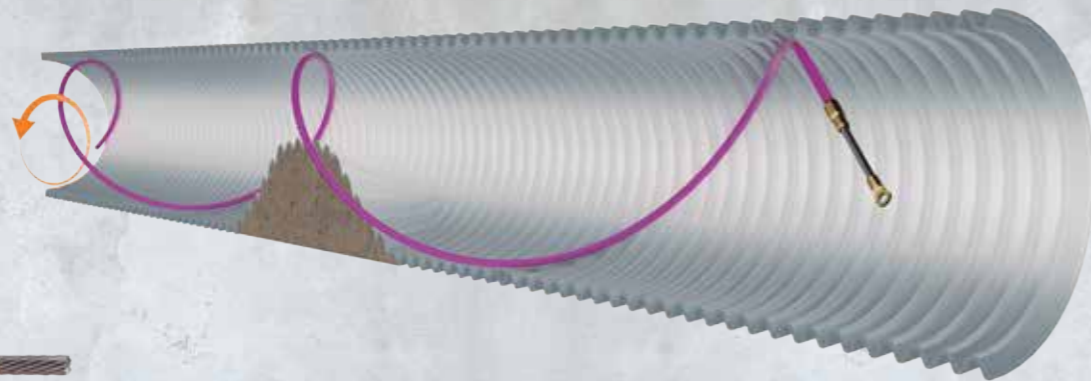
TWISTED POLYESTER

It turns very little on its own axis, and therefore transmits twisting strength very well. Monofilament twist offers better characteristics. This product gives excellent control over the work done. Triple twist may open slightly with extreme turning.

Resulting turn

15

Turn applied
20



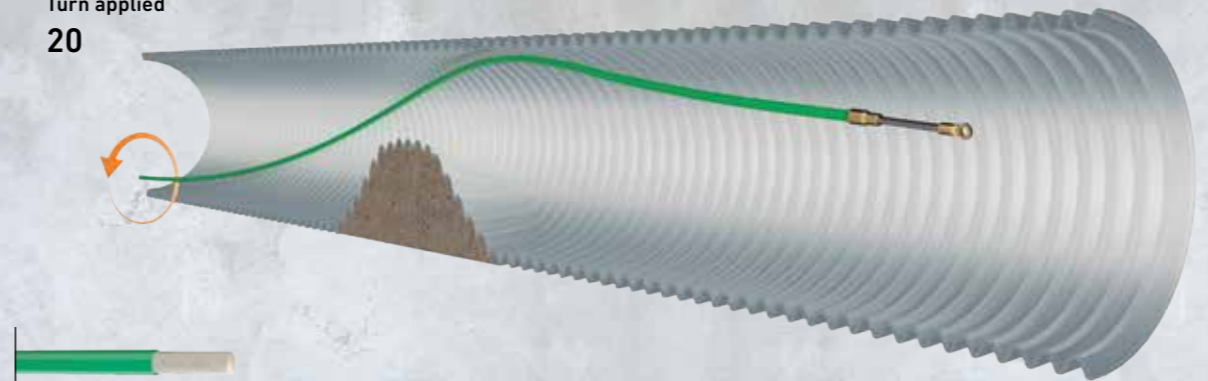
COATED STEEL

The band is tightly twisted, thus offering good bending characteristics in any direction. However, flat band steel, being flat, has enhanced turning characteristics on one of its axes.

Resulting turn

10

Turn applied
20



FIBREGLASS

It is a very rigid material and perfectly transmits twisting strength along the entire length of the fish tape. It does not rotate on its own axis. We recommend increasing the diameter to the maximum for long distances and large pipes.

Resulting turn

20

MAIN FEATURES

PUSHING STRENGTH

It is important that all the pushing strength applied when a fish tape is inserted into a pipe be transmitted all along its entire length to the other end.

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**

STANDARD RANGE

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

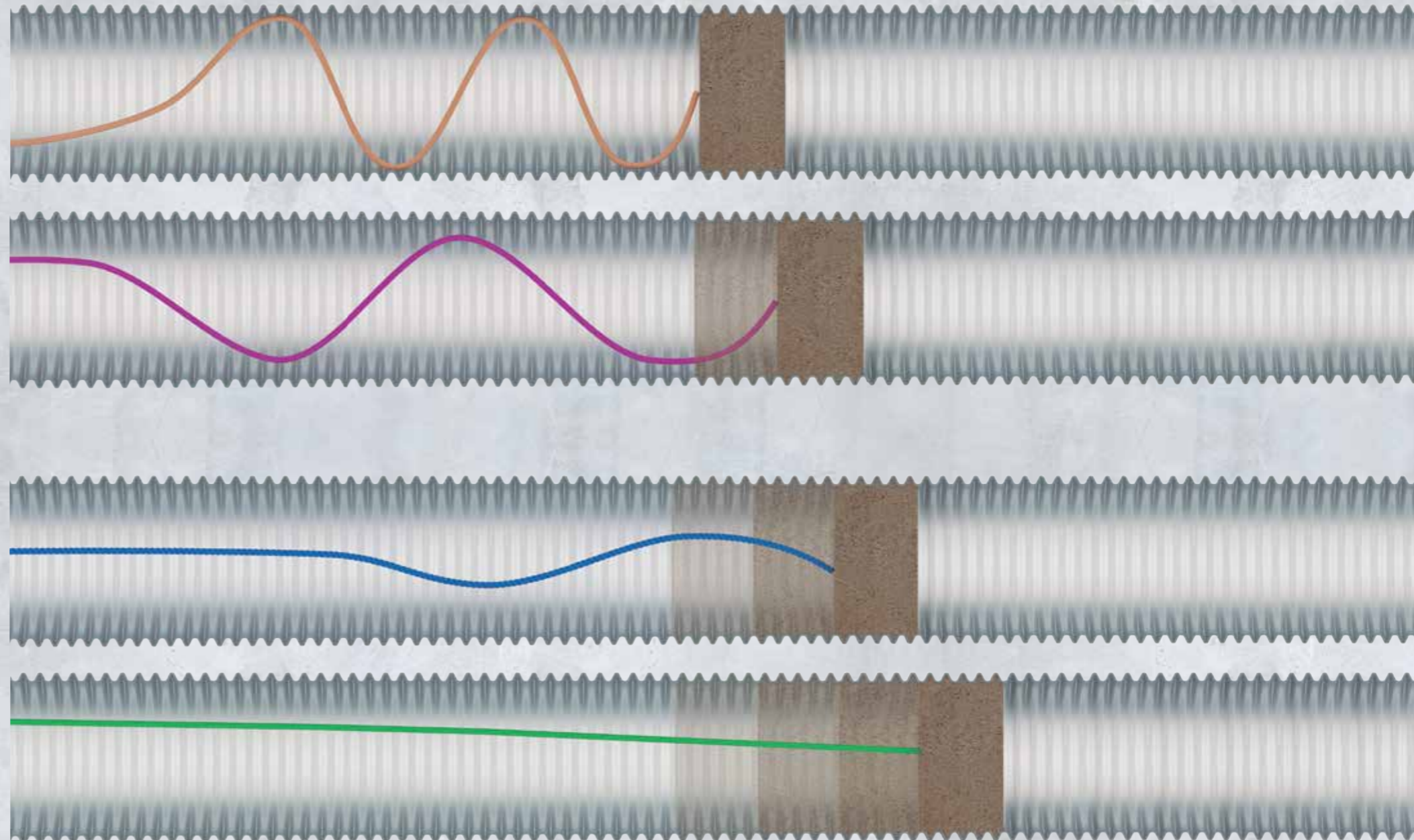
It has an excellent balance between flexibility and rigidity, giving it good features in terms of pushing strength. The round steel cable is heavier and can reach greater distances.

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.






A TRUE CLASSIC

- 25 YEARS TOGETHER ON THE MARKET.
- THE CONFIDENCE AND COMMITMENT THAT COMES WITH BEING THE LEADER.




2 ACCESSORIES INCLUDED IN THE MATERIALS WITH INTERCHANGEABLE TERMINALS:

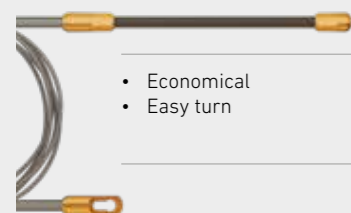

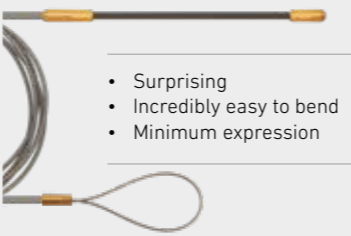

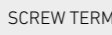

FOR PUSHING: Standard Flexible Head
Ref: 4.1001.000



FOR PULLING: Standard Eyelet
Ref: 4.3001.000



TYPES OF TERMINAL

FIXED	INTERCHANGEABLE	FIXED WITH LOOP
<p>FIXED FLEXIBLE HEAD Ø 6 mm</p>  <ul style="list-style-type: none"> • Economical • Easy turn 	<p>SCREW TERMINAL Ø6 mm M5</p>  <ul style="list-style-type: none"> • Best price-quality ratio • Great characteristics • Time-saving 	<p>FIXED FLEXIBLE HEAD Ø 5 mm</p>  <ul style="list-style-type: none"> • Surprising • Incredibly easy to bend • Minimum expression
<p>FIXED PULLING EYELET Ø 6 mm</p> 	<p>SCREW TERMINAL Ø6 mm M5</p> 	<p>FIXED PULLING EYELET Ø 5 mm</p> 

STANDARD RANGE

FISH TAPE **MONOFILAMENT NYLON**

FIXED TERMINALS



NYLON SOLID MONOFILAMENT

Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACCESSORIES
3 mm	5 m	10	●	1.4003.005	
			●	1.4103.005	
	10 m	20	●	1.4003.010	
			●	1.4103.010	
	15 m	20	●	1.4003.015	
			●	1.4103.015	
	20 m	10	●	1.4003.020	
		●	1.4103.020		
	25 m	10	●	1.4003.025	
		●	1.4103.025		
	30 m	10	●	1.4003.030	
		●	1.4103.030		

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

INTERCHANGEABLE TERMINALS



NYLON SOLID MONOFILAMENT

Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACCESSORIES
3 mm	5 m	10	●	1.2003.005	2 Accessories included (page 14)
			●	1.2103.005	
	10 m	20	●	1.2003.010	
			●	1.2103.010	
	15 m	20	●	1.2003.015	
			●	1.2103.015	
	20 m	20	●	1.2003.020	
		●	1.2103.020		
	25 m	10	●	1.2003.025	
		●	1.2103.025		
	30 m	10	●	1.2003.030	
		●	1.2103.030		

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

STANDARD RANGE



FISH TAPE **STEEL + POLYPROPYLENE**

INTERCHANGEABLE TERMINALS



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



STEEL CABLE + POLYPROPYLENE					
Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACCESSORIES
4 mm	10 m	10	●	6.0400.010	2 Accessories included (page 14)
	15 m	10		6.0400.015	
	20 m	10		6.0400.020	
	30 m	5		6.0400.030	

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

PREMIUM RANGE

FISH TAPE **FIBREGLASS + POLYPROPYLENE**

INTERCHANGEABLE TERMINALS



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



FIBREGLASS + POLYPROPYLENE					
Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACCESSORIES
3.5 mm	10 m	5	●	3.0350.010	2 Accessories included (page 14)
	15 m	5		3.0350.015	
	20 m	5		3.0350.020	
	30 m	5		3.0350.030	

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

PREMIUM RANGE



FISH TAPE **BRAIDED POLYESTER**

INTERCHANGEABLE TERMINALS



TRIPLE BRAIDED POLYESTER					
Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACCESSORIES
4 mm	10 m	5	●	7.0400.010	2 Accessories included (page 14)
	15 m	5		7.0400.015	
	20 m	5		7.0400.020	
	30 m	5		7.0400.030	



TRIPLE BRAIDED POLYESTER					
Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACCESSORIES
4.5 mm	10 m	5	●	7.0450.010	2 Accessories included (page 14)
	15 m	5		7.0450.015	
	20 m	5		7.0450.020	
	30 m	5		7.0450.030	

FIXED PULLING TERMINALS WITH LOOP



MONOFILAMENT BRAIDED POLYESTER					
Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACCESSORIES
3 mm	6 m	5	●	7.3300.006	-
	12 m	5		7.3300.012	
	18 m	5		7.3300.018	

INTERCHANGEABLE TERMINALS



MONOFILAMENT BRAIDED POLYESTER					
Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACCESSORIES
4.5 mm	10 m	5	●	7.1450.010	2 Accessories included (page 14)
	15 m	5		7.1450.015	
	20 m	5		7.1450.020	
	30 m*	5		7.1450.030	

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



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.

MIXED TERMINALS

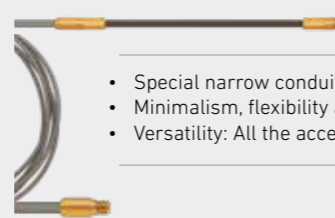
FIXED FLEXIBLE PULLING HEAD Ø 8 mm M5



- 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.

Screw terminal Ø6 mm M5

UNIVERSAL REELER FOR ANGUILA FISH TAPE GUIDES

NEW



- PROTECTION FOR YOUR TOOL, MORE TIME FOR YOU.

TRANSPORT GRIP

INLET/OUTLET OVERSIZED FOR REDUCED FRICTION

COMPARTMENT WITH LID FOR ACCESSORIES

MADE OF ABS
MAXIMUM IMPACT STRENGTH

TRANSLUCENT BACK
FOR QUICK VIEWING OF TAPE














QUICK DISASSEMBLY CLIP
NO TOOLS NEEDED

MACHINED METAL SHAFT
LOW FRICTION, LONG DURABILITY

TURNING HANDLE
FOR ROLLING UP

MODES OF USE: 1. HANDS FREE. Hung from the grip or on the floor. / 2. HAND HELD

ACCESSORIES INCLUDED IN ANGUILA MAX



		STANDARD RANGE	PREMIUM RANGE	
		BI-NYLON Solid Monofilament 	FIBREGLASS ROD Nylon-Coated 	POLYESTER Triple Braided 
		STEEL CABLE Nylon coated 		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
TOTAL		4	10	8


STANDARD RANGE

FISH TAPE MONOFILAMENT NYLON

MIXED TERMINALS



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

WINDER (+) ANGUILA MAX SOLID MONOFILAMENT BI-NYLON					
Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACCESSORIES
4 mm	12 m	4		W1.5240.012	4 Accessories included (page 20)
	22 m	4		W1.5240.022	






STANDARD RANGE

FISH TAPE STEEL+NYLON

MIXED TERMINALS



STEEL CABLE + NYLON					
Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACCESSORIES
4 mm	12 m	20		6.5040.012	4 Accessories included (page 20)
	22 m	20		6.5040.022	



WINDER (+) ANGUILA MAX STEEL CABLE + NYLON					
Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACCESSORIES
4 mm	12 m	4		W6.5040.012	4 Accessories included (page 20)
	22 m	4		W6.5040.022	


PREMIUM RANGE

FISH TAPE FIBREGLASS + NYLON

MIXED TERMINALS



REINFORCED FIBREGLASS + NYLON					
Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACCESSORIES
3 mm	12 m	5		3.5030.012	10 Accessories included (page 20)
	22 m	5		3.5030.022	
	32 m	5		3.5030.032	

WINDER (+) ANGUILA MAX REINFORCED FIBREGLASS + NYLON					
Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACCESSORIES
3 mm	12 m	4		W3.5030.012	10 Accessories included (page 20)
	22 m	4		W3.5030.022	
	32 m	4		W3.5030.032	



FISH TAPE **BRAIDED POLYESTER**

MIXED TERMINALS



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

WINDER (+) ANGIULA MAX TRIPLE BRAIDED POLYESTER

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



MONOFILAMENT BRAIDED POLYESTER					
Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACCESSORIES
3 mm	6 m	5	●	7.5330.006	8 Accessories included (page 20)
	12 m	5		7.5330.012	
	18 m	5		7.5330.018	

WINDER (+) ANGIULA MAX MONOFILAMENT TRIPLE BRAIDED POLYESTER

Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACCESSORIES
3 mm	12 m	4	●	W7.5330.012	8 Accessories included (page 20)
	18 m	4		W7.5330.018	



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

WINDER (+) ANGIULA MAX MONOFILAMENT TRIPLE BRAIDED POLYESTER

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



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.



MONOFILAMENT BRAIDED Ø3 mm FOR **NARROW PIPES**

- **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 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	1ud. 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 unit 5 units


FOR PULLING: EYELETS, LOOPS, CABLE PULLING GRIPS

PRODUCT	DESCRIPTION	REF.	PACKING
	Standard Eyelet Ø6 mm, M5	4.3001.000	10 units 50 units
	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
	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
	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



INDUSTRIAL FISH TAPES AND CONDUIT RODS

- PIPES : Ø40 TO 200 mm
- LENGTHS : UP TO 300 m

Suitable for outside installations with long conduit runs requiring flexible and heavy duty large diameter products.

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Anguila

FISH TAPE

INDUSTRIAL

Length up to 300 metres
Pipes, conduits and ducts from Ø40 to 200 mm



OUR RANGE OF MATERIALS IS OUR
GUARANTEE OF SATISFACTION.
WE HELP YOU CHOOSE. CHOOSE WELL.

Avouila

Suitable for outside installations with long conduit runs requiring flexible and heavy duty large diameter products.

MATERIAL FOR INDUSTRIAL INSTALLATIONS

		FEATURES													
		GENERAL				PUSHING						PULLING		RECOMMENDATIONS	
		MATERIALS	MATERIAL DIAMETER Ø mm	COLOUR	AVERAGE DURABILITY	EASY INSERTION	DIAMETER OF TURN Ø cm	EASY TURN	PUSHING STRENGTH	TWISTING STRENGTH	FRICTION	TENSILE STRENGTH	BREAKING STRENGTH	IDEAL PIPE Ø mm	OPTIMAL LENGTH m
A	FLAT BAND STEEL Polypropylene-Coated		6 mm	●	Long	★☆☆☆☆	12 cm	High	Normal	High	Low	350 kg	★★★★☆	50-90 mm	20-50 m
			10 mm	●	Very Long	★★★★☆	25 cm	Normal	Normal	High	Low	1000 kg	★★★★☆	90-140 mm	50-80 m
B	FIBREGLASS ROD Polypropylene-Coated		4.5 mm	●	Medium	★★★★☆	10 cm	High	High	Very High	Minimum on straight line	120 kg	★★★☆☆	40-90 mm	20-30 m
			6 mm	●	Medium	★★★★☆	15 cm	Normal	High	Very High	Minimum on straight line	200 kg	★★★☆☆	50-140 mm	30-50 m
			9 mm	●	Medium	★★★★☆	30 cm	Low	Very High	Very High	Minimum on straight line	350 kg	★★★☆☆	63-200 mm	50-120 m
			11 mm	●	Medium	★★★★☆	40 cm	Low	Very High	Very High	Minimum on straight line	500 kg	★★★☆☆	63-200 mm	50-200 m
			14 mm	●	Medium	★★★★☆	60 cm	Low	Maximum	Very High	Minimum on straight line	600 kg	★★★★☆	63->200 mm	150-300 m
C	POLYESTER TRIPLE BRAIDED		6 mm	●	Very Long	★★★★★	6 cm	Very High	Very High	High	Minimum	300 kg	★★★★☆	40-80 mm	20-50 m
	POLYESTER MONOFILAMENT BRAIDED		6 mm	●	Maximum	★★★★★	8 cm	High	Very High	Very High	Minimum	350 kg	★★★★☆	50-140 mm	30-80 m

★ Normal ★★ Good ★★★ Very good ★★★★ Excellent ★★★★★ Maximum

SMALL DIAMETERS

LENGTH UP TO 50 m



COATED STEEL

INTERCHANGEABLE TERMINALS

FISH TAPE FLAT BAND STEEL + POLYPROPYLENE



Ø DIAMETER	LENGTH	CONTAINER	WEIGHT kg	COLOUR	REF.	ACC. INCLUDED
4 mm	40 m	-	1.00	●	2.0400.040	A + B
	50 m	-	1.30		2.0400.050	
4 mm	10 m	VH250	0.90	●	2.0416.010	A + B
	15 m	VH250	1.00		2.0416.015	
	20 m	VH250	1.10		2.0416.020	
	30 m	VH250	1.40		2.0416.030	
	40 m	VH250	1.65		2.0416.040	
	50 m	VH250	1.90		2.0416.050	



FISH TAPE STEEL CABLE + POLYPROPYLENE



Ø DIAMETER	LENGTH	CONTAINER	WEIGHT kg	COLOUR	REF.	ACC. INCLUDED
4 mm	40 m	-	1.50	●	6.0400.040	A + B
	50 m	-	1.90		6.0400.050	
4 mm	10 m	VH250	1.00	●	6.0416.010	A + B
	15 m	VH250	1.20		6.0416.015	
	20 m	VH250	1.35		6.0416.020	
	30 m	VH250	1.75		6.0416.030	
	40 m	VH250	2.10		6.0416.040	
	50 m	VH250	2.50		6.0416.050	



COATED FIBREGLASS ROD

INTERCHANGEABLE TERMINALS

FISH TAPE FIBREGLASS + POLYPROPYLENE



Ø DIAMETER	LENGTH	CONTAINER	WEIGHT kg	COLOUR	REF.	ACC. INCLUDED
3 mm	40 m	-	0.40	●	3.0300.040	A + B
	50 m	-	0.50		3.0300.050	
3 mm	10 m	VH250	0.70	●	3.3016.010	A + B
	15 m	VH250	0.75		3.3016.015	
	20 m	VH250	0.80		3.3016.020	
	30 m	VH250	0.90		3.3016.030	
	40 m	VH250	1.00		3.3016.040	
	50 m	VH250	1.10		3.3016.050	



ACCESSORIES INCLUDED

- A** 1x Flexible Pulling Head, Ø6 mm, M5 REF. 4.1001.000
- B** 1x Standard Eyelet, Ø6 mm, M5 REF. 4.3001.000
- C** 1x Aluminium Head Ø30 mm M5 REF. 4.2001.000



COATED FIBREGLASS ROD

INTERCHANGEABLE TERMINALS

FISH TAPE FIBREGLASS + POLYPROPYLENE



Ø DIAMETER	LENGTH	CONTAINER	WEIGHT kg	COLOUR	REF.	ACC. INCLUDED
3.5 mm	40 m	-	0.60	●	3.0350.040	A + B
	50 m	-	0.75		3.0350.050	
3.5 mm	10 m	VH250	0.75	●	3.3516.010	A + B
	15 m	VH250	0.85		3.3516.015	
	20 m	VH250	0.90		3.3516.020	
	30 m	VH250	1.05		3.3516.030	
	40 m	VH250	1.20		3.3516.040	
	50 m	VH250	1.35		3.3516.050	
4.5 mm	10 m	-	0.25	●	3.0450.010	A + B + C
	20 m	-	0.50		3.0450.020	
	30 m	-	0.70		3.0450.030	
	40 m	-	0.95		3.0450.040	
	50 m	-	1.15		3.0450.050	
	60 m	-	1.40		3.0450.060	
	80 m	-	1.85		3.0450.080	
	4.5 mm	30 m	VH450		3.60	
40 m		VH450	3.84	3.0419.040		
50 m		VH450	4.10	3.0419.050		
60 m		VH450	4.30	3.0419.060		
80 m		VH450	4.75	3.0419.080		



BRAIDED POLYESTER

INTERCHANGEABLE TERMINALS

FISH TAPE TRIPLE BRAIDED POLYESTER



Ø DIAMETER	LENGTH	CONTAINER	WEIGHT kg	COLOUR	REF.	ACC. INCLUDED
4.5 mm	40 m	-	0.85	●	7.0450.040	A + B + C
	50 m	-	1.05		7.0450.050	
	60 m	-	1.25		7.0450.060	
4.5 mm	30 m	VH450	3.55	●	7.0419.030	A + B + C
	40 m	VH450	3.75		7.0419.040	
	50 m	VH450	3.95		7.0419.050	
	60 m	VH450	4.20		7.0419.060	



FISH TAPE MONOFILAMENT BRAIDED POLYESTER



Ø DIAMETER	LENGTH	CONTAINER	WEIGHT kg	COLOUR	REF.	ACC. INCLUDED
4.5 mm	40 m	-	0.80	●	7.1450.040	A + B + C
	50 m	-	1.00		7.1450.050	
	60 m	-	1.20		7.1450.060	
4.5 mm	30 m	VH450	3.50	●	7.1419.030	A + B + C
	40 m	VH450	3.70		7.1419.040	
	50 m	VH450	3.90		7.1419.050	
	60 m	VH450	4.10		7.1419.060	

MEDIUM DIAMETERS

LENGTH UP TO 100 m



COATED STEEL

INTERCHANGEABLE TERMINALS

FISH TAPE **FLAT BAND STEEL + POLYPROPYLENE**



H450 / 620



VH600

Ø DIAMETER	LENGTH	CONTAINER	WEIGHT kg	COLOUR	REF.	ACC. INCLUDED
6 mm	10 m	-	0.75		2.0600.010	C+D+E
	20 m	-	1.40		2.0600.020	
	30 m	-	2.15		2.0600.030	
	40 m	-	2.70	●	2.0600.040	
	50 m	-	3.30		2.0600.050	
	60 m	-	4.15		2.0600.060	
	80 m	-	5.30		2.0600.080	
	100 m	-	6.45		2.0600.100	
6 mm	40 m	H450	6.10		2.0602.040	C+D+E
	50 m	H450	6.70		2.0602.050	
	60 m	H620	9.15	●	2.0603.060	
	80 m	H620	10.30		2.0603.080	
	100 m	H620	11.45		2.0603.100	
6 mm	50 m	VH600	8.50		2.0617.050	C+D+E
	60 m	VH600	9.35	●	2.0617.060	
	80 m	VH600	10.50		2.0617.080	
	100 m	VH600	11.65		2.0617.100	
	120 m	VH600	12.70		2.0617.120	

COATED FIBREGLASS ROD

INTERCHANGEABLE TERMINALS

FISH TAPE **FIBREGLASS + POLYPROPYLENE**



VH600

Ø DIAMETER	LENGTH	CONTAINER	WEIGHT kg	COLOUR	REF.	ACC. INCLUDED
6 mm	20 m	-	0.90		3.0600.020	C+D+E
	30 m	-	1.30		3.0600.030	
	40 m	-	1.70		3.0600.040	
	50 m	-	2.15	●	3.0600.050	
	60 m	-	2.55		3.0600.060	
	80 m	-	3.35		3.0600.080	
	100 m	-	4.15		3.0600.100	
6 mm	40 m	VH600	6.90		3.0617.040	C+D+E
	50 m	VH600	7.35		3.0617.050	
	60 m	VH600	7.75	●	3.0617.060	
	80 m	VH600	8.55		3.0617.080	
	100 m	VH600	9.35		3.0617.100	

ACCESSORIES INCLUDED

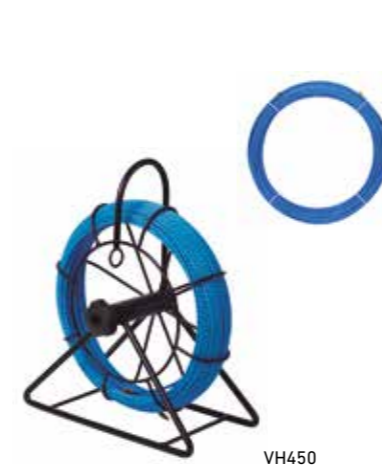
- C** 1x Aluminium Head Ø30 mm M5 REF. 4.2001.000
- D** 1x Flexible Pulling Head, Ø8 mm, M5 REF. 4.1002.000
- E** 1x Brass Eyelet, Ø8 mm, M5 REF. 4.3002.000



BRAIDED POLYESTER

INTERCHANGEABLE TERMINALS

FISH TAPE **TRIPLE BRAIDED POLYESTER**



VH450

Ø DIAMETER	LENGTH	CONTAINER	WEIGHT kg	COLOUR	REF.	ACC. INCLUDED
6 mm	20 m	-	0.70		7.0600.020	C+D+E
	30 m	-	1.00		7.0600.030	
	40 m	-	1.30	●	7.0600.040	
	50 m	-	1.60		7.0600.050	
	60 m	-	1.90		7.0600.060	
	6 mm	20 m	VH450	3.60		
30 m		VH450	3.90		7.0619.030	
40 m		VH450	4.20	●	7.0619.040	
50 m		VH450	4.50		7.0619.050	
60 m		VH450	4.80		7.0619.060	

FISH TAPE **MONOFILAMENT BRAIDED POLYESTER**



VH450

Ø DIAMETER	LENGTH	CONTAINER	WEIGHT kg	COLOUR	REF.	ACC. INCLUDED
6 mm	20 m	-	0.80		7.1600.020	C+D+E
	30 m	-	1.20		7.1600.030	
	40 m	-	1.55		7.1600.040	
	50 m	-	1.90	●	7.1600.050	
	60 m	-	2.30		7.1600.060	
	80 m	-	3.00		7.1600.080	
	100 m	-	3.75		7.1600.100	



VH580

6 mm	20 m	VH450	3.75	●	7.1619.020	C+D+E
	30 m	VH450	4.10		7.1619.030	
6 mm	40 m	VH580	4.50		7.1614.040	C+D+E
	50 m	VH580	5.55		7.1614.050	
	60 m	VH580	5.90	●	7.1614.060	
	80 m	VH580	6.65		7.1614.080	
	100 m	VH580	7.40		7.1614.100	

LARGE DIAMETERS

LENGTH UP TO 300 m



COATED STEEL

INTERCHANGEABLE TERMINALS



H720



VH800

FISH TAPE FLAT BAND STEEL + POLYPROPYLENE						
Ø DIAMETER	LENGTH	CONTAINER	WEIGHT kg	COLOUR	REF.	ACC. INCLUDED
10 mm	40 m	H720	12.10		2.1004.040	F + G
	50 m	H720	13.60	●	2.1004.050	
	60 m	H720	15.10		2.1004.060	
10 mm	60 m	VH800	18.20		2.1015.060	F + G
	80 m	VH800	21.10		2.1015.080	
	100 m	VH800	24.00	●	2.1015.100	
	120 m	VH800	26.95		2.1015.120	
	150 m	VH800	31.40		2.1015.150	

COATED FIBREGLASS ROD

INTERCHANGEABLE TERMINALS



H720



VH800

FISH TAPE FIBREGLASS + POLYPROPYLENE						
Ø DIAMETER	LENGTH	CONTAINER	WEIGHT kg	COLOUR	REF.	ACC. INCLUDED
9 mm	40 m	H720	10.00		3.0904.040	F + H
	50 m	H720	11.00	●	3.0904.050	
	60 m	H720	12.00		3.0904.060	
9 mm	50 m	VH800	14.10		3.0915.050	F + H
	60 m	VH800	15.10		3.0915.060	
	80 m	VH800	16.70		3.0915.080	
	100 m	VH800	19.00	●	3.0915.100	
	120 m	VH800	21.05		3.0915.120	
	150 m	VH800	23.90		3.0915.150	
	180 m	VH800	26.95		3.0915.180	

ACCESSORIES INCLUDED

- F** 1x Flexible Pulling Head, Ø14 mm, M12 REF. 4.1004.000
- G** 1x Aluminium Head Ø30 mm M12 REF. 4.2007.000
- H** 1x Aluminium Head Ø53 mm M12 REF. 4.2003.000



COATED FIBREGLASS ROD

INTERCHANGEABLE TERMINALS



VH800



VH1000

FISH TAPE FIBREGLASS + POLYPROPYLENE						
Ø DIAMETER	LENGTH	CONTAINER	WEIGHT kg	COLOUR	REF.	ACC. INCLUDED
11 mm	40 m	VH800	14.80		3.1115.040	F + H
	50 m	VH800	16.30		3.1115.050	
	60 m	VH800	17.80	●	3.1115.060	
11 mm	80 m	VH800	20.85		3.1115.080	F + H
	100 m	VH800	23.90		3.1115.100	
	120 m	VH1000	32.65		3.1118.120	
	150 m	VH1000	37.15		3.1118.150	
	200 m	VH1000	44.60	●	3.1118.200	
11 mm	250 m	VH1000	52.00		3.1118.250	F + H
	300 m	VH1000	59.45		3.1118.300	

Ø14 mm, available to order









NOTES:

1. Fibreglass is a delicate material and can easily break. Use carefully avoiding excessive looping, kinking and folding.
2. For your safety and better handling of the product we recommend you always use a container for lengths over 40 m.








ACCESSORIES

FOR INDUSTRIAL FISH TAPES AND CONDUIT RODS




FOR PUSHING THROUGH: HEADS

PRODUCT	DESCRIPTION	REF.	PACKING
	Flexible Head Ø8 mm, M5	4.1002.000	$\frac{1 \text{ unit}}{5 \text{ units}}$
	Flexible Pulling Head (100 kg) Ø8 mm, M5	4.1002.001	$\frac{1 \text{ unit}}{5 \text{ units}}$
	Flexible Head Ø14 mm, M12	4.1004.000	$\frac{1 \text{ unit}}{5 \text{ units}}$
	Aluminium Head Ø30 mm, M5	4.2001.000	$\frac{1 \text{ unit}}{5 \text{ units}}$
	Aluminium Head Ø30 mm, M12	4.2007.000	$\frac{1 \text{ unit}}{5 \text{ units}}$
	Aluminium Head Ø53 mm, M12	4.2003.000	$\frac{1 \text{ unit}}{5 \text{ units}}$
	Metal brush Ø100 mm, M12	4.4001.000	1 unit
	Perforating Head Ø8 mm M5	4.1008.002	$\frac{1 \text{ unit}}{5 \text{ units}}$

FOR PULLING: EYELETS, LOOPS AND SHACKLES

PRODUCT	DESCRIPTION	REF.	PACKING
	Brass Eyelet Ø8 mm, M5	4.3002.000	$\frac{1 \text{ unit}}{5 \text{ units}}$
	Aluminium shackle Ø30 mm, M5	4.3003.000	$\frac{1 \text{ unit}}{5 \text{ units}}$
	Aluminium shackle Ø53 mm, M12	4.3005.000	$\frac{1 \text{ unit}}{5 \text{ units}}$
	Aluminium shackle Ø30 mm, M12	4.3009.000	$\frac{1 \text{ unit}}{5 \text{ units}}$
	Aluminium Hooking Joint M5	4.3006.000	$\frac{1 \text{ unit}}{5 \text{ units}}$
	Aluminium Hooking Joint M12	4.3008.000	$\frac{1 \text{ unit}}{5 \text{ units}}$
	Aluminium Hooking Joint M12	4.3010.000	$\frac{1 \text{ unit}}{5 \text{ units}}$














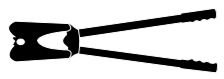



COUPLING JOINTS: FIXED AND SWIVEL

PRODUCT	DESCRIPTION	REF.	PACKING
	Aluminium Swivel Coupling Link Ø25 mm, M12 - M12	4.6003.000	$\frac{1 \text{ unit}}{5 \text{ units}}$
	Aluminium Swivel Link Ø15 mm, M5 - M5	4.6005.000	$\frac{1 \text{ unit}}{5 \text{ units}}$
	Fixed Brass Coupling Link Ø8 mm, M5 - M5	4.6006.000	$\frac{1 \text{ unit}}{5 \text{ units}}$

ACCESSORIES


FOR INDUSTRIAL FISH TAPES AND CONDUIT RODS

TERMINALS FOR FIBRE REPAIR

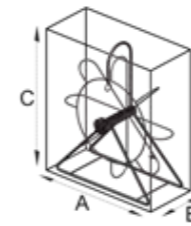
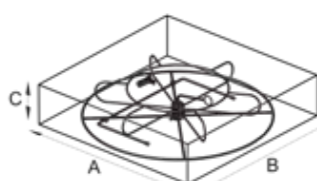
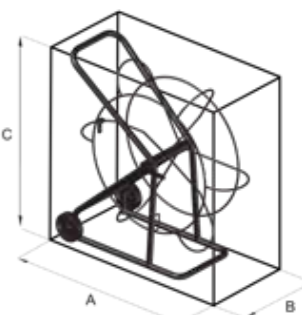
PRODUCT	DESCRIPTION	REF.	PACKING
	Brass screw terminal for Ø4.5 mm fibre Ø8 mm, M5	4.8000.002	1 unit
	Brass Screw Terminal for Ø6 mm fibre Ø8 mm, M5	4.8000.003	1 unit
	Ø4,5 mm Fibre Terminal Repair Kit Ø8 mm (1 set) * Does not include adhesive	4.8002.000	1 unit
	Ø6 mm Fibre Terminal Repair Kit Ø8 mm (1 set) * Does not include adhesive	4.8003.000	1 unit
	Brass Screw Terminal for Ø9 mm fibre Ø14 mm, M12	4.8000.004	1 unit
	Brass Screw Terminal for Ø11 mm fibre Ø14 mm, M12	4.8000.005	1 unit
	Ø9 mm Fibre Terminal Repair Kit Ø14 mm	4.8004.000	1 unit
	Ø11 mm Fibre Terminal Repair Kit Ø14 mm	4.8005.000	1 unit
	Simple Join Kit for Ø4,5 mm Fibre Ø8 mm (2 units)	4.8007.000	1 unit
	Simple Join Kit for Ø6 mm Fibre Ø8 mm (2 units)	4.8008.000	1 unit
	Simple Join Kit for Ø9 mm Fibre Ø14 mm	4.8009.000	1 unit
	Simple Join Kit for Ø11 mm Fibre Ø14 mm	4.8010.000	1 unit
	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

EMPTY CONTAINERS

HOUSEHOLD CONTAINERS

PRODUCT	DESCRIPTION	REF.	PACKING
	ANGUILA WINDER Universal reeler Anguila fish tape guides	4.5006.000	1 unit

INDUSTRIAL CONTAINERS

SERIES	VH-V SERIES	H SERIES	VH-T SERIES							
										
MODEL	VH-250	VH-350	VH-450	VH-580	H-450	H-620	H-720	VH-600	VH-800	VH-1000
REFERENCE	4.5016.000	4.5013.000	4.5019.000	4.5014.000	4.5002.000	4.5003.000	4.5004.000	4.5017.000	4.5015.000	4.5018.000

CONTAINER DIMENSIONS (cm)

	VH-250	VH-350	VH-450	VH-580	H-450	H-620	H-720	VH-600	VH-800	VH-1000
A	25	35	45	58	45	62	72	58	78	97
B	11.5	18	18	18	45	62	72	19	28	38
C	30	41	51	65	13.5	13.5	15.5	69	81	103

PACKING DIMENSIONS (cm)

	VH-250	VH-350	VH-450	VH-580	H-450	H-620	H-720	VH-600	VH-800	VH-1000
A	25.5	36.5	46.5	58.5	45.5	63	73	60	80	100
B	14	19	19	21	47	65	75	20	30	40
C	34	45	54	68	15	15	16.5	71	86	105

NET WEIGHT

kg	VH-250	VH-350	VH-450	VH-580	H-450	H-620	H-720	VH-600	VH-800	VH-1000
	0.6	2.3	2.9	3.6	3.4	5.0	5.6	5.2	8.7	14.8

WHEELS AND BRAKES



	VH-250	VH-350	VH-450	VH-580	H-450	H-620	H-720	VH-600	VH-800	VH-1000
WHEELS	NO	NO	NO	NO	NO	NO	NO	NO	YES	YES
BRAKE	YES	YES	YES	YES	NO	NO	NO	YES	YES	YES

SPARE PARTS – RODS



INTERCHANGEABLE TERMINALS

SMALL DIAMETERS - LENGTH UP TO 50 m



FIBREGLASS + POLYPROPYLENE

Ø DIAMETER	LENGTH	COLOUR	MATERIALS	WITHOUT ACCESSORIES	WITH ACCESSORIES (p. 21)
				REF.	REF.
4.5 mm	10 m			3.0459.010	3.0450.010
	20 m			3.0459.020	3.0450.020
	30 m			3.0459.030	3.0450.030
	40 m			3.0459.040	3.0450.040
	50 m			3.0459.050	3.0450.050
	60 m			3.0459.060	3.0450.060
	80 m			3.0459.080	3.0450.080

TRIPLE BRAIDED POLYESTER



Ø DIAMETER	LENGTH	COLOUR	MATERIALS	WITHOUT ACCESSORIES	WITH ACCESSORIES (p. 21)
				REF.	REF.
4.5 mm	40 m			7.0459.040	7.0450.040
	50 m			7.0459.050	7.0450.050
	60 m			7.0459.060	7.0450.060

MONOFILAMENT BRAIDED POLYESTER



Ø DIAMETER	LENGTH	COLOUR	MATERIALS	WITHOUT ACCESSORIES	WITH ACCESSORIES (p. 21)
				REF.	REF.
4.5 mm	40 m			7.1459.040	7.1450.040
	50 m			7.1459.050	7.1450.050
	60 m			7.1459.060	7.1450.060

MEDIUM DIAMETERS - LENGTH UP TO 100 m



FLAT BAND STEEL + POLYPROPYLENE

Ø DIAMETER	LENGTH	COLOUR	MATERIALS	WITHOUT ACCESSORIES	WITH ACCESSORIES (p. 22)
				REF.	REF.
6 mm	10 m			2.0609.010	2.0600.010
	20 m			2.0609.020	2.0600.020
	30 m			2.0609.030	2.0600.030
	40 m			2.0609.040	2.0600.040
	50 m			2.0609.050	2.0600.050
	60 m			2.0609.060	2.0600.060
	100 m			2.0609.100	2.0600.100



FIBREGLASS ROD + POLYPROPYLENE

Ø DIAMETER	LENGTH	COLOUR	MATERIALS	WITHOUT ACCESSORIES	WITH ACCESSORIES (p. 22)
				REF.	REF.
6 mm	20 m			3.0609.020	3.0600.020
	30 m			3.0609.030	3.0600.030
	40 m			3.0609.040	3.0600.040
	50 m			3.0609.050	3.0600.050
	60 m			3.0609.060	3.0600.060
	80 m			3.0609.080	3.0600.080
	100 m			3.0609.100	3.0600.100

TRIPLE BRAIDED POLYESTER



Ø DIAMETER	LENGTH	COLOUR	MATERIALS	WITHOUT ACCESSORIES	WITH ACCESSORIES (p. 23)
				REF.	REF.
6 mm	20 m			7.0609.020	7.0600.020
	30 m			7.0609.030	7.0600.030
	40 m			7.0609.040	7.0600.040
	50 m			7.0609.050	7.0600.050
	60 m			7.0609.060	7.0600.060

MONOFILAMENT BRAIDED POLYESTER



Ø DIAMETER	LENGTH	COLOUR	MATERIALS	WITHOUT ACCESSORIES	WITH ACCESSORIES (p. 23)
				REF.	REF.
6 mm	20 m			7.1609.020	7.1600.020
	30 m			7.1609.030	7.1600.030
	40 m			7.1609.040	7.1600.040
	50 m			7.1609.050	7.1600.050
	60 m			7.1609.060	7.1600.060
	100 m			7.1609.100	7.1600.100

LARGE DIAMETERS - LENGTH UP TO 300 m



FLAT BAND STEEL + POLYPROPYLENE

Ø DIAMETER	LENGTH	COLOUR	MATERIALS	WITHOUT ACCESSORIES	WITH ACCESSORIES (p. 24)
				REF.	REF.
10 mm	40 m			2.1009.040	2.1000.040
	50 m			2.1009.050	2.1000.050
	60 m			2.1009.060	2.1000.060
	80 m			2.1009.080	2.1000.080
	100 m			2.1009.100	2.1000.100
	120 m			2.1009.120	2.1000.120
	150 m			2.1009.150	2.1000.150

FIBREGLASS ROD + POLYPROPYLENE

Ø DIAMETER	LENGTH	COLOUR	MATERIALS	WITHOUT ACCESSORIES	WITH ACCESSORIES (p. 24)
				REF.	REF.
9 mm	40 m			3.0909.040	3.0900.040
	50 m			3.0909.050	3.0900.050
	60 m			3.0909.060	3.0900.060
	70 m			3.0909.070	3.0900.070
	80 m			3.0909.080	3.0900.080
	100 m			3.0909.100	3.0900.100
	120 m			3.0909.120	3.0900.120
	150 m			3.0909.150	3.0900.150
	180 m			3.0909.180	3.0900.180

FIBREGLASS ROD + POLYPROPYLENE

Ø DIAMETER	LENGTH	COLOUR	MATERIALS	WITHOUT ACCESSORIES	WITH ACCESSORIES (p. 25)
				REF.	REF.
11 mm	40 m			3.1109.040	3.1100.040
	50 m			3.1109.050	3.1100.050
	60 m			3.1109.060	3.1100.060
	70 m			3.1109.070	3.1100.070
	80 m			3.1109.080	3.1100.080
	100 m			3.1109.100	3.1100.100
	120 m			3.1109.120	3.1100.120
	150 m			3.1109.150	3.1100.150
	180 m			3.1109.180	3.1100.180
	200 m			3.1109.200	3.1100.200
	250 m			3.1109.250	3.1100.250
	300 m			3.1109.300	3.1100.300

Ø14 mm available to order.

LUBRICANTS FOR CABLES

DUPLOGEL INTRODUCIR

FOR THE INSTALLATION OF (NEW) CABLES



Facilitates the installation of new cables in conduit, eliminating up to 80% of the friction with the conduit walls and/or other already installed cable.

PRODUCT	UNITS/BOX	REF.
DUPLOGEL INTRODUCIR Lubricant Gel 500cc	12	4.6015.000
DUPLOGEL INTRODUCIR Lubricant Gel 1000cc	12	4.6016.000
DUPLOGEL INTRODUCIR Lubricant Gel 5000cc	1	4.6017.000
DUPLOGEL INTRODUCIR Lubricant Gel 25 LITRES (PAIL)	1	4.6019.000

AEROSOL LUBRICANT FOAM

FOR THE INSTALLATION OF (NEW) CABLES



Lubricates the conduit to facilitate the installation of new cables, eliminating up to 80% of the friction with the conduit walls and/or other already installed cables.

PRODUCT	UNITS/BOX	REF.
Aerosol Lubricant Foam 400 ml	12	4.6030.000

DUPLOGEL EXTRAER

FOR THE REMOVAL OF (OLD) CABLES



Reduces friction and facilitates removal of cables already installed in pipes and conduits.

PRODUCT	UNITS/BOX	REF.
DUPLOGEL EXTRAER Lubricant Gel 500 cc	12	4.6020.000
DUPLOGEL EXTRAER Lubricant Gel 25 LITRES	1	4.6025.000

LUBRICANTS FOR OPTICAL FIBRE

FILUB-F

FOR PULLING INSTALLATIONS



Reduces friction by up to 90% in the laying of telecoms and fibre optic cables

PRODUCT	UNITS/BOX	REF.
FILUB – F Lubricant, High-Performance 1 kg Bottle	15	4.6042.000
FILUB – F Lubricant, High-Performance 5 kg Drum	1	4.6042.001
FILUB – F Lubricant, High-Performance 25 kg Drum	1	4.6042.002

We have technical documentation for the laying of FO (fibre optic) cables

FILUB-S

FOR BLOWING INSTALLATIONS



Reduces friction and facilitates installation of air-blown fibre optic cable in conduits from Ø20 mm to 50 mm.

PRODUCT	UNITS/BOX	REF.
FILUB – S Lubricant, Conduits Ø20-50 mm 1 kg Bottle	12	4.6043.000
FILUB – S Lubricant, Conduits Ø20-50 mm 5 kg Drum	1	4.6043.001
FILUB – S Lubricant, Conduits Ø20-50 mm 25 kg Drum	1	4.6043.002

Consumption may vary depending on the type of conduit and its layout.

FILUB-S MINI

FOR BLOWING INSTALLATIONS



Reduces friction and facilitates installation of air-blown fibre optic cable in mini/micro conduits from Ø4 mm to 12 mm.

PRODUCT	UNITS/BOX	REF.
FILUB – S Mini Lubricant, Conduits Ø4 mm - 12 mm 0.5 kg Bottle	12	4.6044.000
FILUB – S Mini Lubricant, Conduits Ø4 mm - 12 mm 1 kg Bottle	12	4.6044.001

INSTALLATION AIDS

1

SINGLE ROLLERS

It can be used anywhere in the installation in straight laying sections.

2

TRIPLE CORNER ROLLERS

They are used for turns or bends in cable laying. Two or more units can be joined together in order to configure the required bending route.

3

MANHOLE ROLLERS INSPECTION PIT INLET/OUTLET

Comprised of three rollers in a line, assembled on a frame to be fixed to the ground. They are used to help to insert cable into the inspection pit or remove it.

4

"V" ROLLERS

Allows the cable to be guided and aligned any point on the cable drum outlet. Rugged build.

5

4-WAY ROLLERS CONDUIT INLET/OUTLET

It comprises four crossed rollers that make up a frame and a cylinder that is inserted into the pipe, which will already be installed in an inspection pit. It can be opened for use in inspection pits and pipes with cables already installed in them.

6

SKID ROLLERS CONDUIT INLET/OUTLET

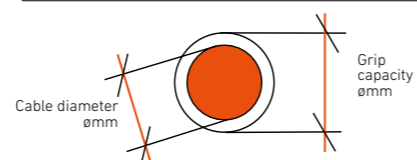
They are inserted into the pipe installed in the inspection pit and the roller is left outside.

7

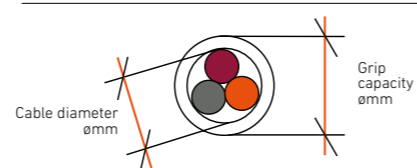
PULLING GRIPS

They facilitate work and can pull one or several cables at the same time.

SINGLE CABLE



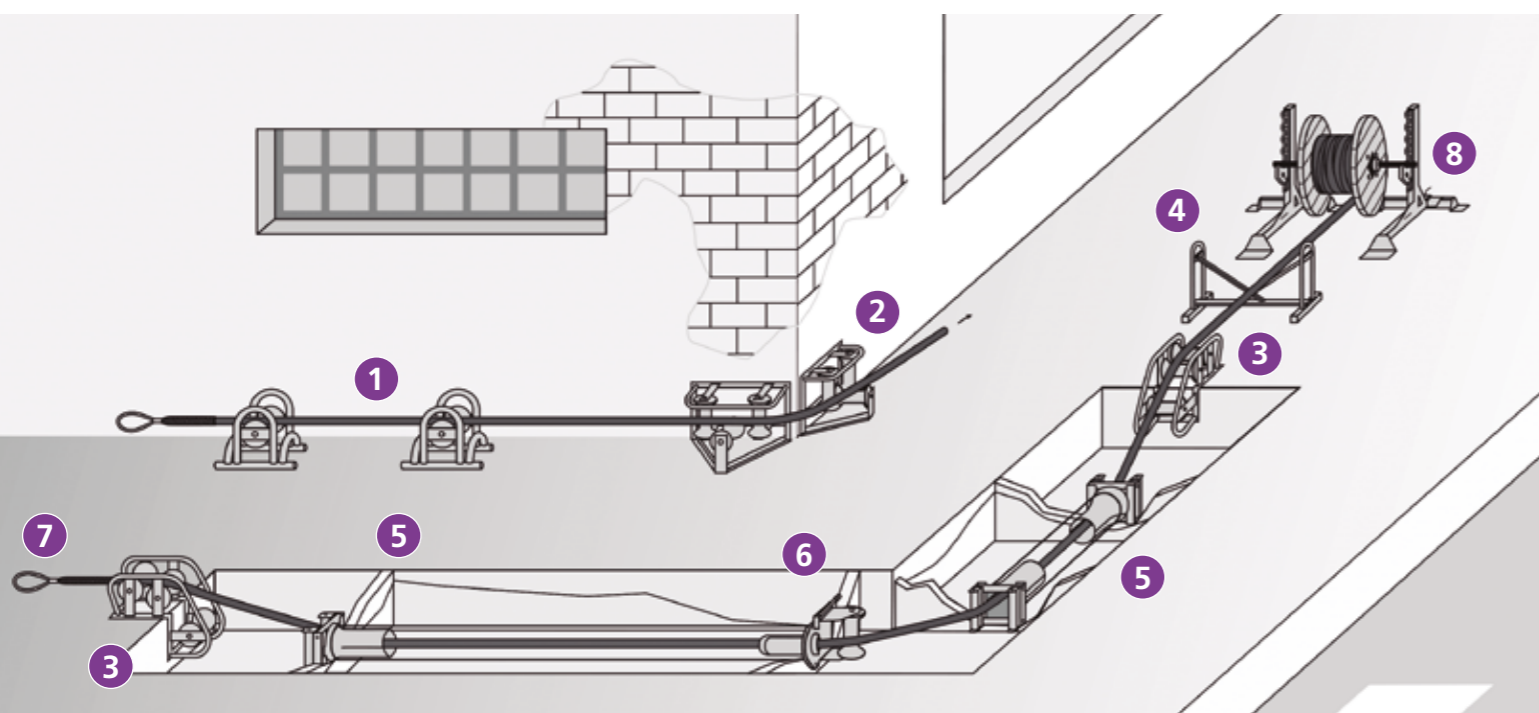
SEVERAL CABLES



8

DRUM STANDS AND ROLLERS

Allows cable drum to be lifted, facilitating its use.



NOTE: All the rollers we supply are fitted with ball bearings protected from dirt and dust. They are always galvanised and manufactured in two final grades: STEEL and ALUMINIUM.

ROLLERS

SINGLE ROLLERS

1



MATERIALS	Ø PIPE	OUTER DIAMETER	TOTAL DIMENSIONS mm	WEIGHT	ROLLERS mm OUT - INN Ø x WIDTH	REFERENCE
STEEL	-	-	340 x 290 x 175	4 kg	110-75x185	4.9001.001
ALUMINIUM	-	-	340 x 290 x 175	4 kg	130-70x180	4.9001.002

TRIPLE CORNER ROLLERS

2



MATERIALS	Ø PIPE	OUTER DIAMETER	TOTAL DIMENSIONS mm	WEIGHT	ROLLERS mm OUT - INN Ø x WIDTH	REFERENCE
STEEL	-	-	450 x 320 x 310	13 kg	130-70x180	4.9002.001
ALUMINIUM	-	-	550 x 340 x 310	14 kg	110-75x185	4.9002.002

MANHOLE ROLLERS INSPECTION PIT INLET/OUTLET

3



MATERIALS	Ø PIPE	OUTER DIAMETER	TOTAL DIMENSIONS mm	WEIGHT	ROLLERS mm OUT - INN Ø x WIDTH	REFERENCE
STEEL	-	-	540 x 240 x 400	8.5 kg	110-75x185	4.9003.001
ALUMINIUM	-	-	550 x 240 x 400	8 kg	130-70x180	4.9003.002

ROLLERS DRUM OUTLET

4



MATERIALS	Ø PIPE	OUTER DIAMETER	TOTAL DIMENSIONS mm	WEIGHT	ROLLERS mm OUT - INN Ø x WIDTH	REFERENCE
STEEL	-	-	1000 x 510 x 480	14 kg	ø35 x 620	4.9004.000

4-WAY ROLLERS CONDUIT INLET/OUTLET

5



MATERIALS	Ø PIPE	OUTER DIAMETER	TOTAL DIMENSIONS mm	WEIGHT	ROLLERS mm OUT - INN Ø x WIDTH	REFERENCE
STEEL	ø80	ø75	360 x 220 x 160	5 kg	ø35 2x80 - 2x135	4.9005.080
STEEL	ø100	ø90	360 x 240 x 200	6 kg	ø35 2x115 - 2x135	4.9005.100
STEEL	ø120	ø115	360 x 270 x 200	7 kg	ø35 4x135	4.9005.120
STEEL	ø140	ø135	360 x 270 x 230	8 kg	ø35 4x135	4.9005.140
STEEL	ø200	ø195	360 x 310 x 240	12.8 kg	ø35 4x190	4.9005.200

Other sizes available. Please consult us.

SKID ROLLERS CONDUIT INLET/OUTLET

6



MATERIALS	Ø PIPE	OUTER DIAMETER	TOTAL DIMENSIONS mm	WEIGHT	ROLLERS mm OUT - INN Ø x WIDTH	REFERENCE
STEEL	ø60	ø50	340 x 200 x 190	3.5 kg	110-175x125	4.9015.060
STEEL	ø80	ø75	340 x 200 x 190	4 kg	110-175x125	4.9015.080
STEEL	ø100	ø90	340 x 210 x 190	4.5 kg	110-175x125	4.9015.100
STEEL	ø120	ø115	340 x 220 x 220	5 kg	110-175x125	4.9015.120
STEEL	ø140	ø135	340 x 240 x 230	5.5 kg	110-175x125	4.9015.140

CABLE PULLING GRIPS

7

HOUSEHOLD PULLING GRIPS

Ø CAPACITY PULLING GRIP (one or several cables)	LENGTH		LOAD		No. STRANDS IN GRIP	NO. TIPS	CABLE TYPE	Ø CABLE	REF.
	TOTAL	WORKING	WORKING	RUPTURE					
4-9 mm	190 mm	120 mm	100 kg	120 kg	1	4	1x7+0	0.65 mm	4.7001.000
9-15 mm	230 mm	210 mm	100 kg	120 kg	1	6	1x7+0	0.65 mm	4.7001.001

• Model with Eyelet Screw Terminal with Ø6 mm M5

Ø CAPACITY PULLING GRIP (one or several cables)	LENGTH		LOAD		No. STRANDS IN GRIP	NO. TIPS	CABLE TYPE	Ø CABLE	REF.
	TOTAL	WORKING	WORKING	RUPTURE					
4-6 mm	220 mm	165 mm	200 kg	240 kg	1	4	1x7+0	1 mm	4.7001.010
6-9 mm	280 mm	210 mm	200 kg	240 kg	1	4	1x7+0	1 mm	4.7001.011
9-12 mm	375 mm	280 mm	200 kg	240 kg	1	5	1x7+0	1 mm	4.7001.012

• Model with Pulling Loop and Standard Eyelet Ø6 mm M5 additional

INDUSTRIAL PULLING GRIPS

CLOSED CABLE GRIPS

Ø CAPACITY PULLING GRIP (one or several cables)	LENGTH		LOAD		No. STRANDS IN GRIP	NO. TIPS	CABLE TYPE	Ø CABLE	REF.
	TOTAL	WORKING	WORKING	RUPTURE					
15-20 mm	700 mm	300 mm	750 kg	1600 kg	2	8	1x19+0	1.0 mm	4.7002.000
20-25 mm	800 mm	400 mm	750 kg	1600 kg	2	8	1x19+0	1.0 mm	4.7002.001
25-45 mm	1300 mm	750 mm	1500 kg	4600 kg	2	8	1x19+0	1.5 mm	4.7002.002
45-60 mm	1400 mm	900 mm	2500 kg	5500 kg	2	8	1x19+0	2.0 mm	4.7002.003
60-80 mm	1900 mm	1200 mm	2500 kg	5500 kg	2	8	1x19+0	2.5 mm	4.7002.004
80-100 mm	2000 mm	1300 mm	3000 kg	6000 kg	2	8	1x19+0	3.0 mm	4.7002.005

OPEN CABLE GRIPS

Ø CAPACITY PULLING GRIP (one or several cables)	LENGTH		LOAD		No. STRANDS IN GRIP	NO. TIPS	CABLE TYPE	Ø CABLE	REF.
	TOTAL	WORKING	WORKING	RUPTURE					
15-20 mm	700 mm	300 mm	750 kg	1600 kg	2	8	1x19+0	1.0 mm	4.7004.000
20-25 mm	800 mm	400 mm	750 kg	1600 kg	2	8	1x19+0	1.0 mm	4.7004.001
25-45 mm	1300 mm	750 mm	1500 kg	4600 kg	2	8	1x19+0	1.5 mm	4.7004.002
45-60 mm	1400 mm	900 mm	2500 kg	5500 kg	2	8	1x19+0	2.0 mm	4.7004.003
60-80 mm	1900 mm	1200 mm	2500 kg	5500 kg	2	8	1x19+0	2.5 mm	4.7004.004
80-100 mm	2000 mm	1300 mm	3000 kg	6000 kg	2	8	1x19+0	3.0 mm	4.7004.005

* Available in stainless steel

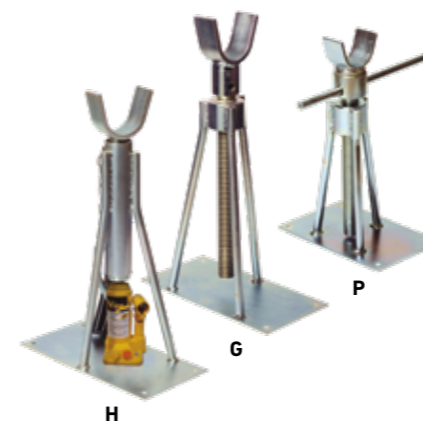
* Wire and fastener included.

DRUM STANDS AND ROLLERS

For wooden and steel drums.

8

DRUM STAND MECHANICAL/HYDRAULIC



TYPE	DIMENSIONS	CHARACTERISTICS	MAX. WEIGHT DRUMS	REF.
MECHANICAL P	220x140 x325 mm	Supp. Height. Adjustable Axis: 27,5-44,5cm Maximum Drum Diameter: 900 mm Weight (unit): 3.7 kg	500 kg (750 kg per stand)	4.9006.006
MECHANICAL G	400x200 x630 mm	Supp. Height. Adjustable Axis: 54-88,5cm Maximum Drum Diameter: 1800 mm Weight (unit): 13 kg	1600 kg (1600 kg per stand)	4.9006.002
HYDRAULIC	400x200 x605 mm	Supp. Height. Adjustable Axis: 51,5-87,5 cm Maximum Drum Diameter: 1700 mm Weight (unit): 16.2 kg	1600 kg (1600 kg per stand)	4.9006.003

Price per unit. The whole assembly requires 2 units.

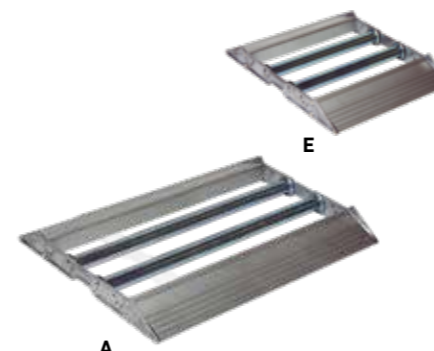
SKID ROLLER DRUMS



TYPE	DIMENSIONS	CHARACTERISTICS	MAX. WEIGHT DRUMS	REF.
SKID ROLLER P	780 x 225 x 135 mm	Weight (unit): 13.6 kg Drum Diameter: 250 – 700 mm	1000 kg (1000 kg per skid roller)	4.9006.007
SKID ROLLER M	970 x 225 x 135 mm	Weight (unit): 15.8 kg Drum Diameter: 400 – 1200 mm	1000 kg (1000 kg per skid roller)	4.9006.001
SKID ROLLER G	1070 x 225 x 135 mm	Weight (unit): 17.0 kg Drum Diameter: 400 – 1850 mm	1000 kg (1000 kg per skid roller)	4.9006.000

Includes linking rod set
Price per unit. The whole assembly requires 2 units.

ROLLER NARROW/WIDE



TYPE	DIMENSIONS	CHARACTERISTICS	MAX. WEIGHT DRUMS	REF.
ROLLER E - NARROW	715x565 x100 mm	Weight (unit): 8 kg Drum Diameter: 200-700 mm Drum Width (max.) 515 mm	200 kg	4.9006.004
ROLLER A - WIDE	715x700 x100 mm	Weight (unit): 11 kg Drum Diameter: 200-700 mm Drum Width (max.) 670 mm	250 kg	4.9006.005

Price per unit. The drum width requires 1 or 2 units.

LAYOUT PAINTS

TRACING PAINT SPRAY



With self-cleaning nozzle and multi-directional valve allowing it to be used in any position (360°). Long-lasting on any surface and visible over time.

PRODUCT	UNITS/BOX	COLOUR	REF.
Layout Spray Paint 400 ml	12	Red	4.6050.000
Layout Spray Paint 400 ml	12	Yellow	4.6050.001
Layout Spray Paint 400 ml	12	Black	4.6050.002
Layout Spray Paint 400 ml	12	Blue	4.6050.003
Box of Layout Spray Paint	12	Colour mix (3 x 4 colours)	4.6050.020

PRODUCT INDEX

REFERENCE	P.	REFERENCE	P.	REFERENCE	P.	REFERENCE	P.
12003005	15	14103020	15	20609040	40	30350015	16
12003010	15	14103025	15	20609050	40	30350020	16
12003015	15	14103030	15	20609060	40	30350030	16
12003020	15	14104005	15	20609080	40	30350040	31
12003025	15	14104010	15	20609100	40	30350050	31
12003030	15	14104015	15	20617050	32	30419030	31
12004005	15	14104020	15	20617060	32	30419040	31
12004010	15	14104025	15	20617080	32	30419050	31
12004015	15	14104030	15	20617100	32	30419060	31
12004020	15	15240012	20	20617120	32	30419080	31
12004025	15	15240022	20	21000040	41	30450010	31
12004030	15	20400010	16	21000050	41	30450020	31
12103005	15	20400015	16	21000060	41	30450030	31
12103010	15	20400020	16	21000080	41	30450040	31
12103015	15	20400030	16	21000100	41	30450050	31
12103020	15	20400040	30	21000120	41	30450060	31
12103025	15	20400050	30	21000150	41	30450080	31
12103030	15	20416010	30	21004040	34	30459010	40
12104005	15	20416015	30	21004050	34	30459020	40
12104010	15	20416020	30	21004060	34	30459030	40
12104015	15	20416030	30	21009040	41	30459040	40
12104020	15	20416040	30	21009050	41	30459050	40
12104025	15	20416050	30	21009060	41	30459060	40
12104030	15	20600010	32	21009080	41	30459080	40
14003005	15	20600020	32	21009100	41	30600020	40
14003010	15	20600030	32	21009120	41	30600030	40
14003015	15	20600040	32	21009150	41	30600040	40
14003020	15	20600050	32	21015060	34	30600050	40
14003025	15	20600060	32	21015080	34	30600060	40
14003030	15	20600080	32	21015100	34	30600080	40
14004005	15	20600100	32	21015120	34	30600100	40
14004010	15	20602040	32	21015150	34	30609020	40
14004015	15	20602050	32	30300010	16	30609030	40
14004020	15	20603060	32	30300015	16	30609040	40
14004025	15	20603080	32	30300020	16	30609050	40
14004030	15	20603100	32	30300030	16	30609060	40
14103005	15	20609010	40	30300040	30	30609080	40
14103010	15	20609020	40	30300050	30	30609100	40
14103015	15	20609030	40	30350010	16	30617040	32



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Bearing in mind the evolution and development of new regulations and the appearance of new materials, the specifications, pictures and diagrams presented in this document are not binding until they have been confirmed by our technical department.

The prices stated in this document do not include VAT and are subject to change, so all products will be charged at the going prices at the time of delivery.