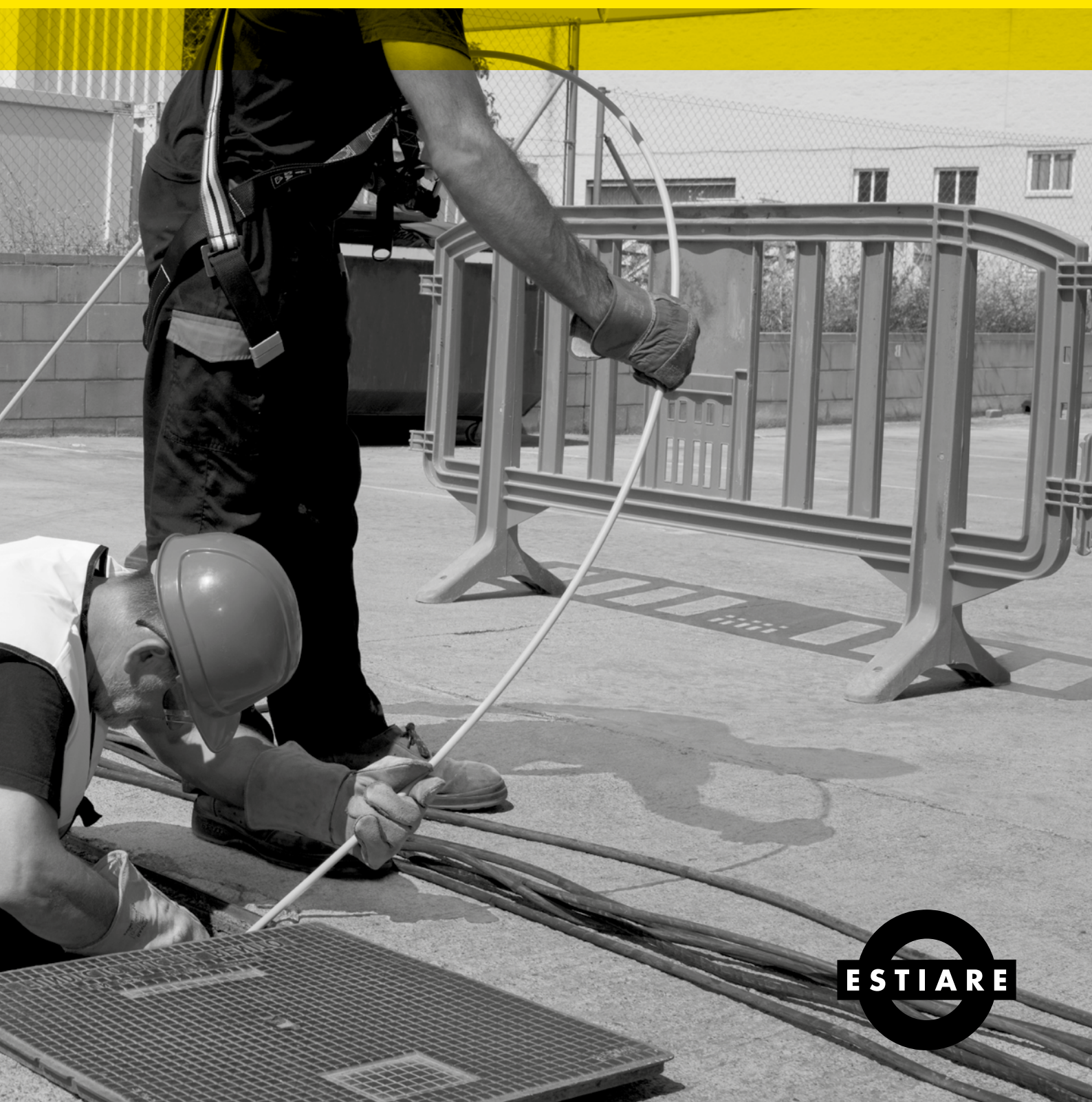


Anguila

CATALOGUE
2018 - 2019





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

CONTENT

HOUSEHOLD FISH TAPES

LENGTHS OF UP TO 30 METRES / PIPES Ø 16 - 50 mm	5
SELECTION GUIDE	6
MAIN FEATURES	8
KNOW YOUR FISH TAPE: ANGUILA AND ANGUILA MAX	14
FISH TAPE:	
STANDARD RANGE	18
1. NYLON / BI-NYLON	
2. COATED STEEL	
PREMIUM RANGE	20
3. COATED FIBREGLASS	
4. TWISTED POLYESTER	
ACCESSORIES	22

INDUSTRIAL FISH TAPES AND CONDUIT RODS

LENGTHS OF UP TO 300 METRES / PIPES Ø 40 - 200 mm	25
SELECTION GUIDE	26
FISH TAPE:	
SMALL DIAMETERS: LENGTH 10-50 m	28
MEDIUM DIAMETERS: LENGTH 10-100 m	30
LARGE DIAMETERS: LENGTH 40-300 m	32
ACCESSORIES	34
EMPTY CONTAINERS	37
SPARE PARTS – RODS	38

LUBRICANTS AND CLEANERS

CABLE LUBRICANTS:	
INSERTION OF (NEW) CABLES	
DUPLOGEL INTRODUCIR	43
REMOVAL OF (OLD) CABLES	
DUPLOGEL EXTRAER	45
LUBRICANTS FOR FIBRE OPTIC:	
FOR PULLING INSTALLATIONS	47
FOR BLOWING INSTALLATIONS	48
CLEANERS FOR CABLES AND FIBRE OPTIC:	
FOR EXTERNAL SURFACES	51

INSTALLATION AIDS

ROLLERS	56
PULLING GRIPS	58
DRUM STANDS AND ROLLERS	60
LAYOUT PAINTS AND PULLER	62



Anavila

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. 18

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



2. COATED STEEL

FLAT BAND STEEL ROUND
STEEL CABLE

p. 18

- 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. 20

- Hard exterior.
- Maximum rigidity and pushing strength.
- Minimum friction.
- Perfect for straight sections with few bends.



4. TWISTED POLYESTER

TRIPLE TWISTED
MONOFILAMENT TWISTED

p. 20

- 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.



SELECTION GUIDE
MATERIALS

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



Small Diameters
Lengths: up to 30 m
For pipes with a diameter up to Ø 50 mm

MATERIALS FOR HOUSEHOLD INSTALLATIONS		FEATURES														
		GENERAL				PUSHING							PULLING		RECOMMENDATIONS	
		MATERIALS	MATERIAL DIAMETER Ø mm	COLOUR	AVERAGE DURABILITY	EASY INSERTION	DIAMETER OF TURN Ø cm		EASY TURN	FRICTION	TWISTING STRENGTH	PUSHING STRENGTH	TENSILE STRENGTH	BREAKING STRENGTH	IDEAL PIPE Ø mm	OPTIMAL LENGTH m
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	
	ROUND STEEL CABLE Polypropylene-Coated		4 mm		Long	☆☆☆☆☆	6 cm	Very High	Low	High	High	130 kg	☆☆☆☆☆	20 - 32 mm	10 - 20 m	
	ROUND 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 Twisted		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 Twisted		3 mm		Maximum	☆☆☆☆☆	2 cm	High	Very Low	Very High	High	80 kg	☆☆☆☆☆	10 - 20 mm	6 - 18 m	
	POLYESTER Monofilament Twisted		4.5 mm		Maximum	☆☆☆☆☆	4 cm	High	Minimum	Maximum	Maximum	140 kg	☆☆☆☆☆	20 - 50 mm	10 - 30 m	

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

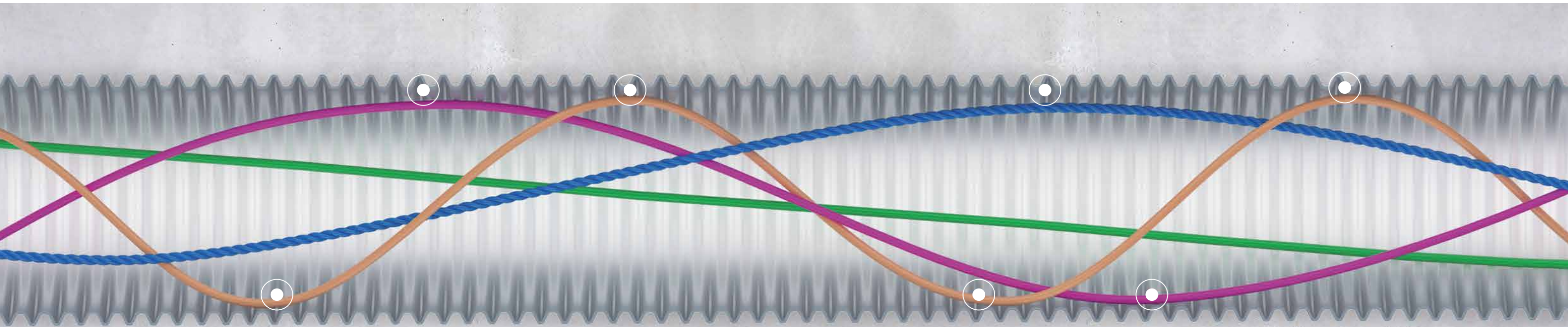
MAIN FEATURES

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.

● FRICTION POINTS (depending on the material)



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.

LESS CONTACT, BETTER INSERTION

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

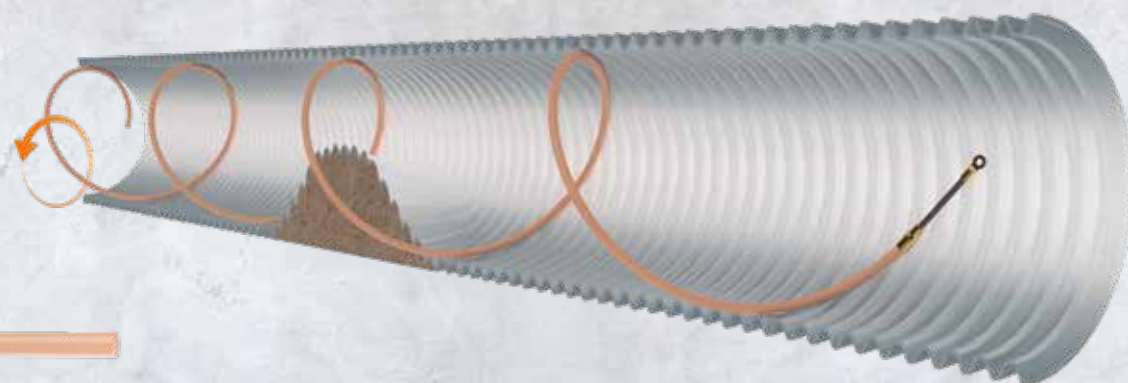
TWISTING STRENGTH

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.

STANDARD RANGE

Turn applied
20

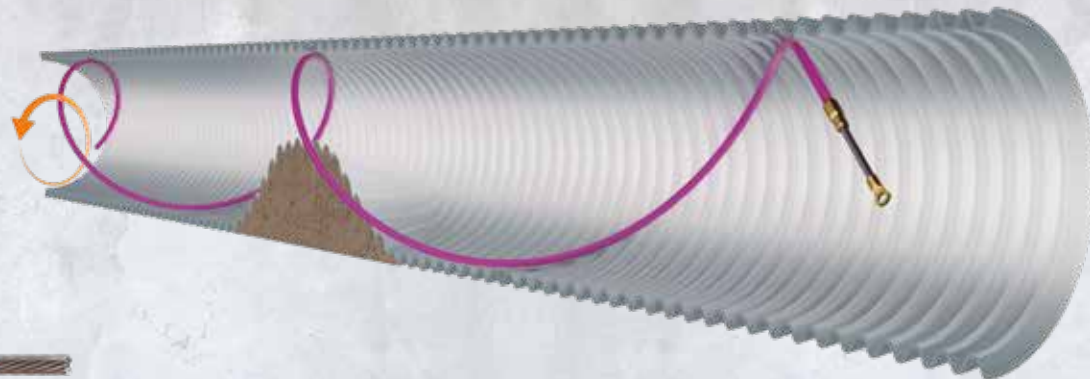
**NYLON / BI-NYLON**

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

Turn applied
20

**COATED STEEL**

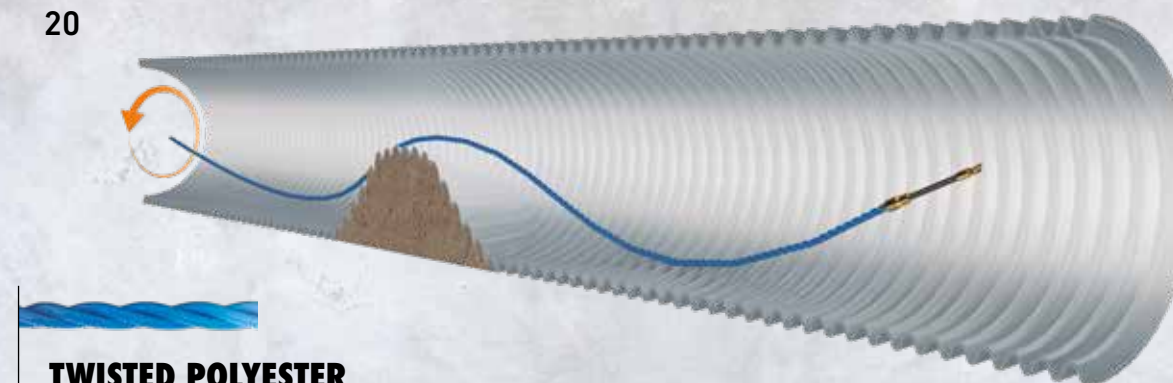
The band is tightly twisted, thus offering good bending characteristics in any direction. However, flat band steel, being flat, has enhanced turning characteristics on one of its axes.

Resulting turn

10

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

**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.

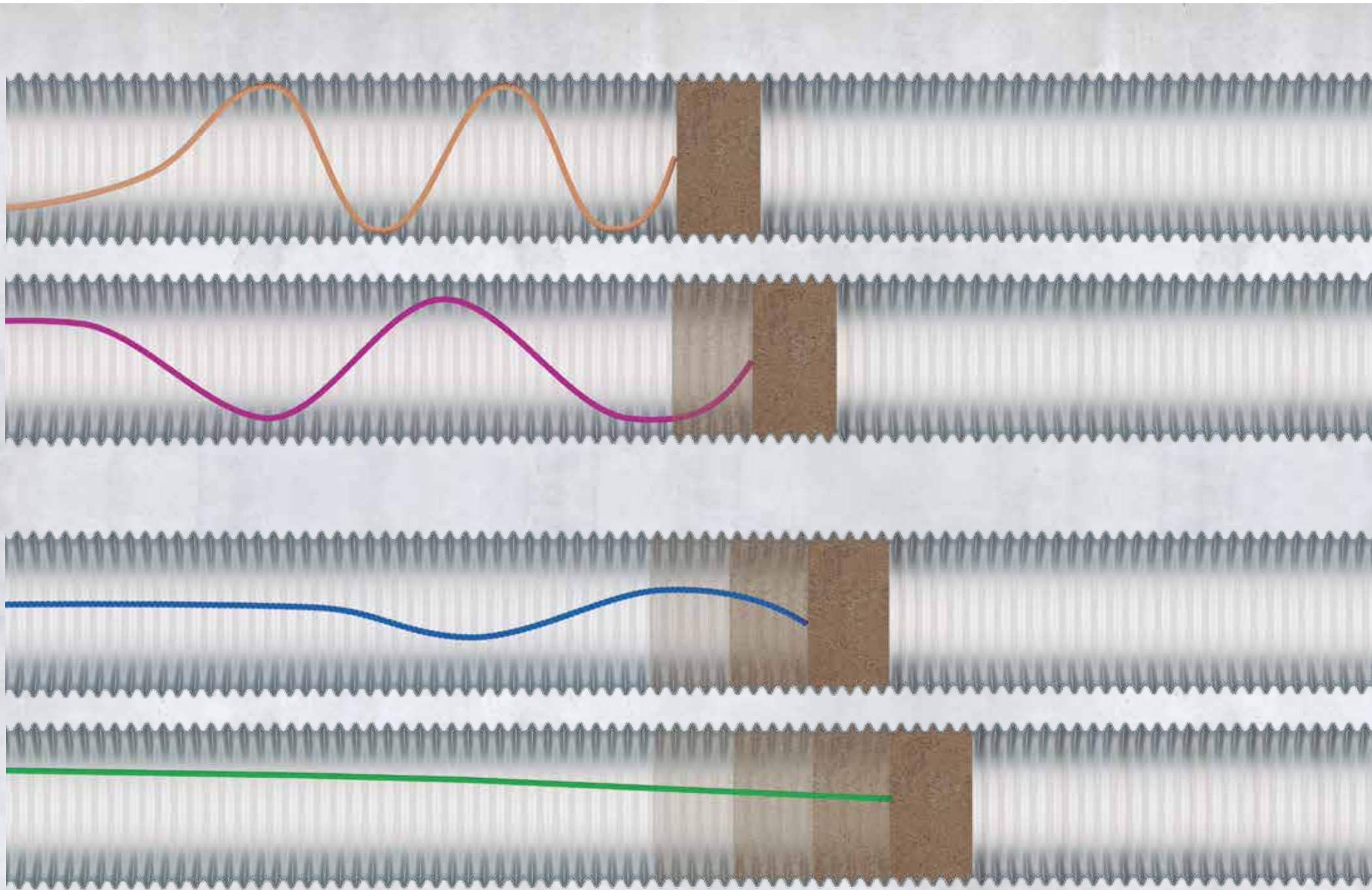
PREMIUM RANGE

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.

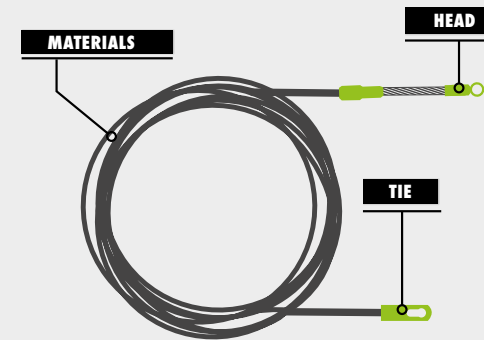
FIBREGLASS

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.



KNOW YOUR FISH TAPE

A fish tape conduit rod is composed of an extremely flexible cable guide that can adapt to curves and difficult obstacles, an appropriate material and suitable length body and coupling tail for cable binding.



HEAD

- IT FACILITATES INSERTION
- IT REDUCES FRICTION
- IT HELPS YOU TO TURN
- IT AVOIDS INSTALLED CABLES
- IT MOVES AROUND OBSTACLES

TIE

- IT MAKES IT EASIER TO TIE CABLES
- IT HELPS TO CLEAR OBSTRUCTIONS
- IT PERMITS GREATER LOADS
- IT SAVES TIME

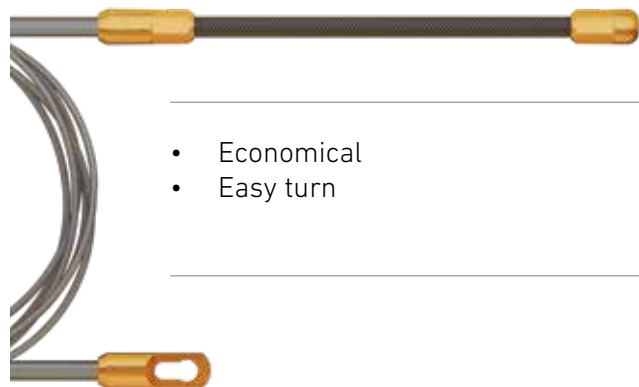
Anguila

A TRUE CLASSIC

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

FIXED TERMINALS

FIXED FLEXIBLE HEAD Ø 6 mm



- Economical
- Easy turn

FIXED PULLING EYELET Ø 6 mm

INTERCHANGEABLE TERMINALS

SCREW TERMINAL Ø 6 mm M5



- Best price-quality ratio
- Great characteristics
- Time-saving

SCREW TERMINAL Ø 6 mm M5

Anguila
MAX

INNOVATION IN FISH TAPE

- MIXED TERMINALS: MORE EFFECTIVE AND TIME-SAVING WORK.
- MORE RESISTANT MATERIALS. MORE DURABLE COATINGS.
- MORE ADAPTABLE LENGTHS: 7, 14, 21 m / 12, 22 m / 6, 12, 18 m.
- MULTIPLE ACCESSORIES INCLUDED.

MIXED TERMINALS

FIXED FLEXIBLE PULLING HEAD Ø 8 mm M5

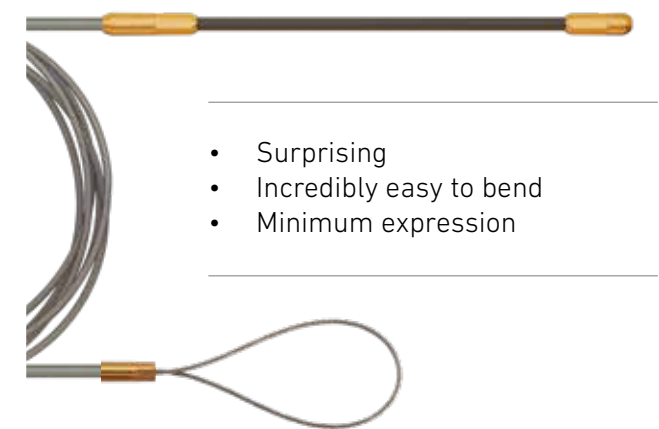


- All-in-one
- Speed: Push, tie and pull
- Versatility: For all accessories.

SCREW TERMINAL Ø 6 mm M5

FIXED PULLING TERMINALS.

FIXED FLEXIBLE HEAD Ø 5 mm



- Surprising
- Incredibly easy to bend
- Minimum expression

FIXED PULLING EYELET Ø 5 mm

Anguila

A TRUE CLASSIC

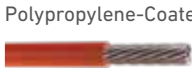
TERMINALS:

- FIXED
- INTERCHANGEABLE

LENGTHS:

- 5 - 10 - 15 - 20 - 25 - 30 m.



MATERIALS WITH INTERCHANGEABLE TERMINALS				ACCESSORIES INCLUDED
STANDARD RANGE		PREMIUM RANGE		
NYLON Solid Monofilament 	FLAT BAND STEEL Polypropylene-Coated  ROUND STEEL CABLE Polypropylene-Coated 	FIBREGLASS ROD Polypropylene-Coated 	POLYESTER Monofilament Twisted  POLYESTER Triple Twisted 	
1	1	1	1	4.1001.000 
1	1	1	1	4.3001.000 
2	2	2	2	TOTAL

Anguila
MAX

INNOVATION IN FISH TAPE

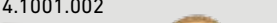
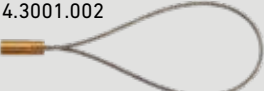
TERMINALS:

- MIXED
- FIXED PULLING
TERMINAL.

OPTIMISED LENGTHS:

- 7 - 14 - 21 m.
- 12 - 22 m.
- 6 - 12 - 18 m.



MATERIALS WITH MIXED TERMINALS				ACCESSORIES INCLUDED
STANDARD RANGE		PREMIUM RANGE		
BY-NYLON Solid Monofilament 	ROUND STEEL CABLE Nylon-Coated 	FIBREGLASS ROD Nylon-Coated 	POLYESTER Monofilament Twisted  POLYESTER Triple Twisted 	
1	1	1	1	4.1001.000 
		1	1	4.1001.002 
		1	1	4.1001.003 
1	1	1	1	4.6004.000 
		2		4.8000.015 
2	2	2	2	4.3001.000 
		1	1	4.3001.001 
		1	1	4.3001.002 
4	4	10	8	TOTAL

FISH TAPE MONOFILAMENT NYLON

FIXED TERMINALS



NYLON SOLID MONOFILAMENT

Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACC. INCLUDED
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	
4 mm				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.	ACC. INCLUDED
3 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	
4 mm				1.4104.020	-
	25 m	10		1.4004.025	
				1.4104.025	
	30 m	10		1.4004.030	
				1.4104.030	

INTERCHANGEABLE TERMINALS



Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACC. INCLUDED
3 mm	5 m	10		1.2003.005	2 units
				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	
4 mm				1.2103.020	2 units
	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.	ACC. INCLUDED
3 mm	5 m	10		1.2004.005	2 units
				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	
4 mm				1.2104.020	2 units
	25 m	10		1.2004.025	
				1.2104.025	
	30 m	10		1.2004.030	
				1.2104.030	

FISH TAPE STEEL + POLYPROPYLENE

INTERCHANGEABLE TERMINALS



FLAT BAND STEEL + POLYPROPYLENE

ROUND STEEL CABLE +POLYPROPYLENE

Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACC. INCLUDED
4 mm	10 m	10		2.0400.010	2 units
				6.0400.010	
	15 m	10		2.0400.015	
				6.0400.015	
	20 m	10		2.0400.020	
				6.0400.020	
	30 m	5		2.0400.030	
				6.0400.030	

Models available with VH250 Container with brake. See p. 28

FISH TAPE MONOFILAMENT NYLON

MIXED TERMINALS



BI-NYLON SOLID MONOFILAMENT

Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACC. INCLUDED
4 mm	7 m	20		1.5240.007	4 units
	14 m	20		1.5240.014	
	21 m	20		1.5240.021	

Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACC. INCLUDED
4 mm	12 m	20		1.5240.012	4 units
	22 m	20		1.5240.022	

FISH TAPE STEEL+NYLON

MIXED TERMINALS



ROUND STEEL CABLE +NYLON

Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACC. INCLUDED
4 mm	7 m	20		6.5040.007	4 units
	14 m	20		6.5040.014	
	21 m	20		6.5040.021	

Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACC. INCLUDED
4 mm	12 m	20		6.5040.012	4 units
	22 m	20		6.5040.022	

NOTE:

Detail of accessories included in pages 16 / 17.

FISH TAPE **FIBREGLASS + POLYPROPYLENE**



FIXED TERMINALS

FIBREGLASS + POLYPROPYLENE					
Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACC. INCLUDED
3 mm	10 m	5		3.0300.010	2 units
	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.	ACC. INCLUDED
3.5 mm	10 m	5		3.0350.010	2 units
	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. 28 - 29

FISH TAPE **TWISTED POLYESTER**

INTERCHANGEABLE TERMINALS

TRIPLE TWISTED POLYESTER					
Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACC. INCLUDED
4 mm	10 m	1		7.0400.010	2 units
	15 m	1		7.0400.015	
	20 m	1		7.0400.020	
	30 m	1		7.0400.030	



TRIPLE TWISTED POLYESTER					
Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACC. INCLUDED
4.5 mm	10 m	1		7.0450.010	2 units
	15 m	1		7.0450.015	
	20 m	1		7.0450.020	
	30 m*	1		7.0450.030	



POLYESTER MONOFILAMENT TWISTED					
Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACC. INCLUDED
4.5 mm	10 m	1		7.1450.010	2 units
	15 m	1		7.1450.015	
	20 m	1		7.1450.020	
	30 m*	1		7.1450.030	



Models available with VH450 Container with brake. See p. 29

FISH TAPE **FIBREGLASS + NYLON**



MIXED TERMINALS

REINFORCED FIBREGLASS + NYLON					
Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACC. INCLUDED
3 mm	7 m	1		3.5030.007	10 units
	14 m	1		3.5030.014	
	21 m	1		3.5030.021	
Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACC. INCLUDED
3 mm	12 m	1		3.5030.012	10 units
	22 m	1		3.5030.022	
	32 m	1		3.5030.032	



FISH TAPE **TWISTED POLYESTER**

MIXED TERMINALS

POLYESTERTRIPLE TWISTED					
Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACC. INCLUDED
4.5 mm	7 m	1		7.5045.007	8 units
	14 m	1		7.5045.014	
	21 m	1		7.5045.021	
Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACC. INCLUDED
4.5 mm	12 m	1		7.5045.012	8 units
	22 m	1		7.5045.022	



POLYESTER MONOFILAMENT TWISTED					
Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACC. INCLUDED
4.5 mm	7 m	1		7.5145.007	8 units
	14 m	1		7.5145.014	
	21 m	1		7.5145.021	
Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACC. INCLUDED
4.5 mm	12 m	1		7.5145.012	8 units
	22 m	1		7.5145.022	
	32 m	1		7.5145.032	



FIXED PULLING TERMINALS



POLYESTER MONOFILAMENT TWISTED					
Ø DIAMETER	LENGTH	UNITS/BOX	COLOUR	REF.	ACC. INCLUDED
3 mm	6 m	1		7.3300.006	-
	12 m	1		7.3300.012	
	18 m	1		7.3300.018	



NOTE:

Detail of accessories included in pages 16 / 17.

ACCESSORIES

FOR HOUSEHOLD FISH TAPES

FOR PUSHING THROUGH: HEADS

PRODUCT	DESCRIPTION	REF.	UNITS PACKING
	Standard Flexible Head Ø 6 mm, M5	4.1001.000	<u>10 units</u> 50 units
	Wide Flexible Head Ø 10 mm, M5	4.1001.001	<u>1 unit</u> 5 units
	Super Flexible Head Ø 13 mm, M5	4.1001.002	<u>1 unit</u> 5 units
	Swivelling Flexible Head Ø 7 mm, M5	4.1001.003	<u>1ud.</u> 5 units
	Set of 3 Flexible Heads Ø 6, 10, 13 mm, M5	4.1001.005	<u>1 unit</u> 5 units
	Flexible Pulling Head (100 kg) Ø 6 mm, M5	4.1005.000	<u>1ud.</u> 5 units
	Flexible Pulling Head (100 kg) Ø 8 mm, M5	4.1007.000	<u>1ud.</u> 5 units
	Perforating Head Ø 6 mm, M5	4.1008.000	<u>1 unit</u> 5 units

FOR PULLING: EYELETS, LOOPS AND PULLING GRIPS

PRODUCT	DESCRIPTION	REF.	UNITS PACKING
	Standard Eyelet Ø 6 mm, M5	4.3001.000	<u>10 units</u> 50 units
	Brass Eyelet Ø 10 mm, M5	4.3001.001	<u>1 unit</u> 5 units
	Steel Loop Ø 6 mm, M5	4.3001.002	<u>1 unit</u> 5 units
	Triple Steel Loop Ø 6 mm, M5	4.3001.003	<u>1 unit</u> 5 units
	Pulling grip (sockets) for cables of Ø 4 - 9 mm Ø 6 mm, M5	4.7001.000	1 unit
	Pulling grip (sockets) for cables of Ø 9 - 15 mm Ø 6 mm, M5	4.7001.001	1 unit

COUPLING JOINTS: FIXED AND SWIVEL

PRODUCT	DESCRIPTION	REF.	UNITS PACKING
	Fixed Brass Coupling Joint Ø 6 mm, M5 – M5 Double Thread	4.6004.000	<u>1 unit</u> 10 units
	Aluminium Swivel coupling joint Ø 14 mm, M5 – M5	4.6005.000	1 unit

REPAIR ITEMS FOR FIBRE

PRODUCT	DESCRIPTION	REF.	UNITS PACKING
	Brass screw terminal for Ø 3.0 mm Fibre Ø 6 mm, M5	4.8000.015	<u>1 unit</u> 10 units
	Brass screw terminal for Ø 3.5 mm Fibre Ø 6 mm, M5	4.8000.001	<u>1 unit</u> 10 units
	Ø 3.0 mm Fibre Terminal Repair Kit (1 set) * Does not include adhesive.	4.8015.000	1 unit
	Ø 3.5 mm Fibre Terminal Repair Kit (1 set) * Does not include adhesive.	4.8001.000	1 unit
	Simple Join Kit for Ø 3.0 mm Fibre (3 units)	4.8006.001	1 unit
	Simple Join Kit for Ø 3.5 mm Fibre (3 units)	4.8006.000	1 unit
	Adhesive for Fibre 5 ml	4.8100.000	1 unit
	Small Crimping Pliers 38 cm Ø 6/8 mm Fibre Terminal Repair (matrices for repair not included)	4.8501.000	1 unit
	Set of 2 Matrices for Repair Ø 6/8 mm Fibre Terminals Hexagonal Bolting	4.8502.001	2 units
	Set of 2 Matrices for Repair Ø 6/8 mm Fibre Terminals Circular Bolting	4.8502.002	2 units



INDUSTRIAL

FISH TAPES AND CONDUIT RODS

- PIPES : Ø 40 TO 200 mm
- LENGTHS : UP TO 300 m

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

Selection Guide	26
Fish tape:	
1 SMALL DIAMETERS: LENGTH 10-50 m	28
2 MEDIUM DIAMETERS: LENGTH 10-100 m	30
3 LARGE DIAMETERS: LENGTH 40-300 m	32
Industrial Fish Tapes and Conduit Rods Accessories	34
Empty containers	37
Spare Parts – Rods	38

Angula

SELECTION GUIDE
MATERIALS

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



Diameters medium and large
Lengths: up to 300 m
For pipes with a diameter up
to Ø 200 mm

		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
MATERIAL FOR INDUSTRIAL INSTALLATIONS															
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 TWIST		6 mm		Very Long	★★★★★	6 cm	Very High	Very High	High	Minimum	300 kg	★★★★☆	40 - 80 mm	20 - 50 m
	POLYESTER MONOFILAMENT TWISTED		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

Anguila

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 ROUND 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	



VH250

ACCESSORIES INCLUDED

- A** 1x Flexible Pulling Head, Ø 6 mm, M5 REF. 4.1001.000
- B** 1x Standard Eyelet, Ø 6 mm, M5 REF. 4.3001.000
- C** 1x Aluminium Head Ø 30 mm M5 REF. 4.2001.000



Anguila

COATED FIBREGLASS ROD

INTERCHANGEABLE TERMINALS



VH250

VH450

TWISTED POLYESTER

INTERCHANGEABLE TERMINALS



VH450

VH450

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		3.0419.030	A+B+C
	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	

FISH TAPE TRIPLE TWISTED 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 TWISTED 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						
Ø DIAMETER	LENGTH	CONTAINER	WEIGHT kg.	COLOUR	REF.	ACC. INCLUDED
6 mm	10 m	-	0.75		2.0600.010	
	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	
	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	
	60 m	VH600	9.35		2.0617.060	
	80 m	VH600	10.50		2.0617.080	
	100 m	VH600	11.65		2.0617.100	

COATED FIBREGLASS ROD

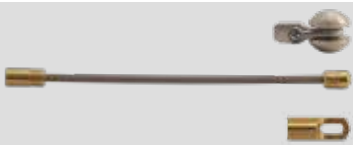
INTERCHANGEABLE TERMINALS



FISH TAPE FIBREGLASS + POLYPROPYLENE						
Ø DIAMETER	LENGTH	CONTAINER	WEIGHT kg.	COLOUR	REF.	ACC. INCLUDED
6 mm	20 m	-	0.90		3.0600.020	
	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	
	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



TWISTED POLYESTER

INTERCHANGEABLE TERMINALS



FISH TAPE TRIPLE TWISTED POLYESTER						
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		7.0619.020	C+D+E
	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 TWISTED POLYESTER						
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	
6 mm	20 m	VH450	3.75		7.1619.020	C+D+E
	30 m	VH450	4.10		7.1619.030	
	40 m	VH450	4.50		7.1619.040	
6 mm	50 m	VH580	1,5 cm		7.1614.050	C+D+E
	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

Anguila

COATED STEEL

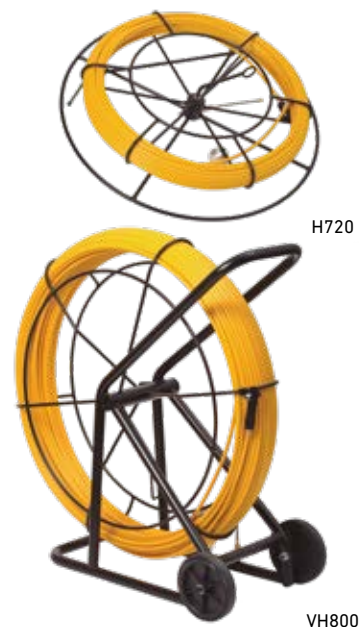
INTERCHANGEABLE TERMINALS



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	
Ø DIAMETER	LENGTH	CONTAINER	WEIGHT kg.	COLOUR	REF.	ACC. INCLUDED
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



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	
Ø DIAMETER	LENGTH	CONTAINER	WEIGHT kg.	COLOUR	REF.	ACC. INCLUDED
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, Ø 14 mm, M12 REF. 4.1004.000
- G** 1x Aluminium Head Ø 30 mm M12 REF. 4.2007.000
- H** 1x Aluminium Head Ø 53 mm M12 REF. 4.2003.000



Anguila

COATED FIBREGLASS ROD

INTERCHANGEABLE TERMINALS



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	
	80 m	VH800	20.85		3.1115.080	
	100 m	VH800	23.90		3.1115.100	

Ø DIAMETER	LENGTH	CONTAINER	WEIGHT kg.	COLOUR	REF.	ACC. INCLUDED
11 mm	120 m	VH1000	32.65		3.1118.120	F+H
	150 m	VH1000	37.15		3.1118.150	
	200 m	VH1000	44.60		3.1118.200	
	250 m	VH1000	52.00		3.1118.250	
	300 m	VH1000	59.45		3.1118.300	

Ø 14 mm, available to order

NOTES:

- Fibreglass is a delicate material and can easily break. Use carefully avoiding excessive looping, kinking and folding.
- 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

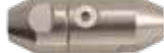
FOR PUSHING THROUGH: HEADS

PRODUCT	DESCRIPTION	REF.	PACKING
	Flexible Head Ø 8 mm, M5	4.1002.000	<u>1 unit</u> 5 units
	Flexible Pulling Head (100 kg) Ø 8 mm, M5	4.1002.001	<u>1 unit</u> 5 units
	Flexible Head Ø 14 mm, M12	4.1004.000	<u>1 unit</u> 5 units
	Aluminium Head Ø 30 mm, M5	4.2001.000	<u>1 unit</u> 5 units
	Aluminium Head Ø 30 mm, M12	4.2007.000	<u>1 unit</u> 5 units
	Aluminium Head Ø 53 mm, M12	4.2003.000	<u>1 unit</u> 5 units
	Hooking joint + Head Ø 30 mm, M5	4.2004.000	<u>1 unit</u> 5 units
	Hooking joint + Head Ø 53 mm, M12	4.2006.000	<u>1 unit</u> 5 units
	Hooking joint + Head Ø 30 mm, M12	4.2008.000	<u>1 unit</u> 5 units
	Metal brush Ø 100 mm, M12	4.4001.000	1 unit
	Perforating Head Ø 8 mm M5	4.1008.002	<u>1 unit</u> 5 units

FOR PULLING: EYELETS, LOOPS AND SHACKLES

PRODUCT	DESCRIPTION	REF.	PACKING
	Brass Eyelet Ø 8 mm, M5	4.3002.000	<u>1 unit</u> 5 units
	Aluminium shackle Ø 30 mm, M5	4.3003.000	<u>1 unit</u> 5 units
	Aluminium shackle Ø 53 mm, M12	4.3005.000	<u>1 unit</u> 5 units
	Aluminium shackle Ø 30 mm, M12	4.3009.000	<u>1 unit</u> 5 units
	Aluminium Hooking Joint M5	4.3006.000	<u>1 unit</u> 5 units
	Aluminium Hooking Joint M12	4.3008.000	<u>1 unit</u> 5 units
	Aluminium Hooking Joint M12	4.3010.000	<u>1 unit</u> 5 units

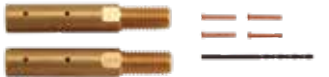
COUPLING JOINTS: FIXED AND SWIVEL

PRODUCT	DESCRIPTION	REF.	PACKING
	Rotating Aluminium Union Ø 25 mm, M12 – M12	4.6003.000	<u>1 unit</u> 5 units
	Aluminium Swivel coupling joint Ø 15 mm , M5 – M5	4.6005.000	<u>1 unit</u> 5 units
	Fixed Brass Coupling Joint Ø 8 mm, M5 – M5	4.6006.000	<u>1 unit</u> 5 units

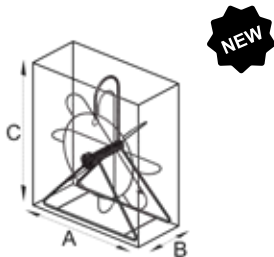
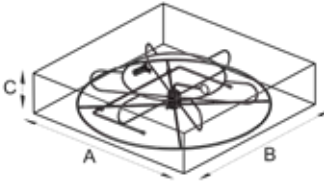
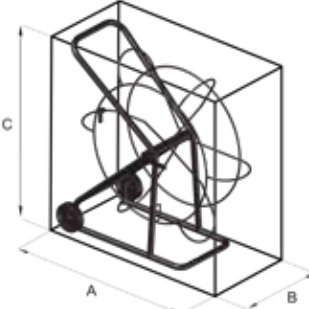
ACCESSORIES

FOR INDUSTRIAL FISH TAPES AND CONDUIT RODS

REPAIR ITEMS FOR FIBRE

PRODUCT	DESCRIPTION	REF.	PACKING
	Brass Screw Terminal for Fibre Ø 4.5 mm, Ø 8 mm, M5	4.8000.002	1 unit
	Brass Screw Terminal for Fibre Ø 6 mm, Ø 8 mm, M5	4.8000.003	1 unit
	Fibre Terminal Repair Kit Ø 4.5 mm (1 set) * Does not include adhesive	4.8002.000	1 unit
	Fibre Terminal Repair Kit Ø 6 mm (1 set) * Does not include adhesive	4.8003.000	1 unit
	Brass Screw Terminal for Fibre Ø 9 mm, Ø 14 mm, M12	4.8000.004	1 unit
	Brass Screw Terminal for Fibre Ø 11 mm, Ø 14 mm, M12	4.8000.005	1 unit
	Fibre Terminal Repair Kit Ø 9 mm	4.8004.000	1 unit
	Fibre Terminal Repair Kit Ø 11 mm	4.8005.000	1 unit
	Simple Join Kit for Fibre Ø 4.5 mm (2 units)	4.8007.000	1 unit
	Simple Join Kit for Fibre Ø 6 mm (2 units)	4.8008.000	1 unit
	Simple Join Kit for Fibre Ø 9 mm	4.8009.000	1 unit
	Simple Join Kit for Fibre Ø 11 mm	4.8010.000	1 unit
	Adhesive for Fibre 5 ml	4.8100.000	1 unit
	Small Crimping Pliers 38 cm Ø 6/8 mm Fibre Terminal Repair (matrices for repair not included)	4.8501.000	1 unit
	Set of 2 Matrices for Repair Ø 6/8 mm Fibre Terminals Hexagonal Bolting	4.8502.001	2 units
	Set of 2 Matrices for Repair Ø 6/8 mm Fibre Terminals Circular Bolting	4.8502.002	2 units

EMPTY 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)										
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)										
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	0.6	2.3	2.9	3.6	3.4	5.0	5.6	5.2	8.7	14.8
WHEELS AND BRAKES										
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

				WITHOUT ACCESORIES	WITH ACCESSORIES (p. 29)
Ø DIAMETER	LENGTH	COLOUR	MATERIALS	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 TWISTED POLYESTER

				WITHOUT ACCESORIES	WITH ACCESSORIES (p. 29)
Ø DIAMETER	LENGTH	COLOUR	MATERIALS	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 TWISTED POLYESTER

				WITHOUT ACCESORIES	WITH ACCESSORIES (p. 29)
Ø DIAMETER	LENGTH	COLOUR	MATERIALS	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

				WITHOUT ACCESORIES	WITH ACCESSORIES (p. 30)
Ø DIAMETER	LENGTH	COLOUR	MATERIALS	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
	80 m			2.0609.080	2.0600.080
	100 m			2.0609.100	2.0600.100

FIBREGLASS ROD + POLYPROPYLENE

				WITHOUT ACCESORIES	WITH ACCESSORIES (p. 30)
Ø DIAMETER	LENGTH	COLOUR	MATERIALS	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 TWISTED POLYESTER

				WITHOUT ACCESORIES	WITH ACCESSORIES (p. 31)
Ø DIAMETER	LENGTH	COLOUR	MATERIALS	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 TWISTED POLYESTER

				WITHOUT ACCESORIES	WITH ACCESSORIES (p. 31)
Ø DIAMETER	LENGTH	COLOUR	MATERIALS	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
	80 m			7.1609.080	7.1600.080
	100 m			7.1609.100	7.1600.100

LARGE DIAMETERS – LENGTH UP TO 300 m

FLAT BAND STEEL + POLYPROPYLENE

				WITHOUT ACCESORIES	WITH ACCESSORIES (p. 32)
Ø DIAMETER	LENGTH	COLOUR	MATERIALS	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

				WITHOUT ACCESORIES	WITH ACCESSORIES (p. 32)
Ø DIAMETER	LENGTH	COLOUR	MATERIALS	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

				WITHOUT ACCESORIES	WITH ACCESSORIES (p. 33)
Ø DIAMETER	LENGTH	COLOUR	MATERIALS	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

Ø 14 mm Available to order.



LUBRICANTS AND CLEANERS

MAKE WORK EASIER, SAVE TIME AND CUT COSTS.
THE BEST AIDS FOR THE INSTALLER.

LUBRICANTS FOR CABLES	42
INSERTION OF (NEW) CABLES	
DUPLOGEL INTRODUCIR	43
AEROSOL LUBRICANT FOAM	44
REMOVAL OF (OLD) CABLES	
DUPLOGEL EXTRAER	45
LUBRICANTS FOR FIBRE OPTIC	46
FOR FO PULLING INSTALLATIONS	
FILUB – F	47
FOR FO BLOWING INSTALLATIONS	
FILUB – S	48
FILUB – S MINI	49
CABLE AND FIBRE OPTIC CLEANERS	50
FOR EXTERNAL SURFACES	
CABLECLEAN – DP	51
CABLECLEAN – DN	52
CABLECLEAN – WT	53
CLEANERS FOR FIBRE OPTIC*	
INDOOR SURFACES	

Antuila
COMPLEMENTOS

*Available to order.



LUBRICANTS FOR CABLES

DUPLOGEL INTRODUCIR

FOR THE INSTALLATION OF (NEW) CABLES

It facilitates the insertion of the cables in underground installations.

- Thick, almost gelatinous, water-based lubricant gel.
- It eliminates up to 80% of friction between cables and pipe walls and other cables already installed.
- No glue effect. No clogged cables.
- It evaporates leaving no waste.
- Non-toxic, inert, non-flammable.
- It does not harm the skin. Non-irritant.
- Working temperature: -10 °C to + 50 °C



INSTRUCTIONS FOR USE:

From the outside, apply lubricant onto a sponge and wipe the entire cable with it, beginning at one end and covering the entire length of the cable to be installed.

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

It lubricates the pipe to ease the entry of new cables.

- It is applied inside the pipe before the cables are inserted.
- Greater contact between the lubricating foam and the cable.
- The cables drag the lubricating foam all along the pipe, thus facilitating foam penetration.
- It eliminates up to 80% of friction between cables and pipe walls and other cables already installed.
- Clean, quick and practical. No spilling.
- No glue effect. No clogged cables.
- It evaporates leaving no waste.
- Biodegradable. Non-toxic, harmless.
- It does not harm the skin. Non-irritant.
- The product is non-flammable (only the propellant gases are flammable).
- Working temperature: 0 °C to + 50 °C

INSTRUCTIONS FOR USE:

Shake before use.
Fit the nozzle into the valve and insert it into the pipe, keeping the aerosol can upright.
Press the spray for a few seconds and the lubricant foam will penetrate into the pipe directly for a couple of metres, depending on the amount applied. Then push the cable through.

PRODUCT	UNITS/BOX	REF.
Aerosol Lubricant Foam 400 ml	12	4.6030.000
Extra-long NOZZLE KIT for Lubricant Foam	1	4.6030.001

DUPLOGEL EXTRAER

FOR THE REMOVAL OF (OLD) CABLES

It eases the removal of cables already installed in trunking and pipes.

- Highly fluid water-based lubricant.
- It reduces friction and makes it possible to release trapped cables inside the pipe.
- No glue effect.
- It evaporates leaving no waste.
- Non-toxic, inert, non-flammable.
- It does not harm the skin. Non-irritant.
- Working temperature: -4 °C to + 60 °C

INSTRUCTIONS FOR USE:

Pour enough product to cover the entire cable route in through the top of the trunking.
If it does not flow directly from top to bottom and along bends or elbows, blow in air to facilitate distribution.
Allow the product to act for a few minutes and then pull the cable out.

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 FIBRE

FILUB-F

FOR PULLING INSTALLATIONS

Reduces friction by up to 90% in the laying of underground cables and FO.

This lubricant is specific for installations of fibre-optic and all types of electrical and communications cables, normally by means of pulling procedures.

Thanks to its consistence, fluidity and very low level of evaporation, it is recommended for cable installations in plastic pipes and in conduits several kilometres long without any breaks (up to 6000 consecutive metres have been laid).

- Consistent, fluid, semitransparent, green.
- Slight smell of soap.
- Low level of evaporation.
- It protects cables and fibre optic from ageing.
- The lubricant effect lasts for years after application.
- It adheres perfectly to the cable and fibre optic surface.
- Its lubricant effect is maintained even if used in the presence of water.
- Approximate consumption of 5 to 10 g per metre installed.
- pH 8.5 – 9
- Working temperature: -20 °C to + 65 °C
- Biodegradable above 95%.
- Non-toxic
- Ideal for long installations: 800 m - 2000 m
- It is also indicated for facilitating the insertion of micro/mini trunking inside the conduit and for blowing installations.



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

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

FILUB-S

FOR BLOWING INSTALLATIONS

Specific for FO blowing installations in conduits from Ø 20 mm - 50 mm.

- Special water-based lubricant and emulsion with different types of polymer.
- High-performance lubricant effect.
- It drastically reduces friction.
- SEMI-GEL. White, slightly viscous liquid.
- No glue effect.
- It adheres to the entire cable surface or to the inside of the conduit perfectly, forming a fine film.
- Used as a cable lubricant or conduit pre-lubricant.
- Non-flammable. Non-toxic Biodegradable.
- pH 7.5 +/- 0.5
- Working temperature: -10 °C to + 70 °C
- It is also indicated for facilitating the insertion of micro-/ mini trunking inside the conduit.

ESTIMATED CONSUMPTION (LENGTH OF 1000 m):

INNER DIAMETER OF CONDUIT Ø mm	QUANTITY OF PRODUCT ml
Ø 20 - 30 mm	60 ml
Ø 30 - 40 mm	70 ml
Ø 40 - 50 mm	100 ml

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 Tank	1	4.6043.001
FILUB – S Lubricant, Conduits Ø20 - 50 mm 25 kg Tank	1	4.6043.002

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



INSTRUCTIONS FOR USE:

Shake before use and apply a suitable quantity into the conduit.

To pre-lubricate the conduit, insert a small sponge and blow with compressed air.

The product can be blown together with the fibre optic if an air-blowing installation machine is used.

FILUB-S MINI

FOR BLOWING INSTALLATIONS

Specific for FO blowing installations in mini/micro conduits from Ø 4 mm - 12 mm.

- Special water-based lubricant and emulsion with different types of polymer.
- High-performance lubricant effect.
- It drastically reduces friction.
- SEMI-LIQUID. White, slightly viscous liquid.
- No glue effect.
- It adheres to the entire cable surface or to the inside of the conduit perfectly, forming a fine film.
- Used as a cable lubricant or conduit pre-lubricant.
- Non-flammable.
- pH 7.5 +/- 0.5
- Working temperature: 0 °C to + 70 °C

ESTIMATED CONSUMPTION (LENGTH OF 1000 m):

INNER DIAMETER OF CONDUIT Ø mm	QUANTITY OF PRODUCT ml
Ø 4 mm	5 ml
Ø 8 mm	10 ml
Ø 12 mm	15 ml

PRODUCT	UNITS/BOX	REF.
FILUB – S Mini Lubricant, Conduits Ø 4 mm - 12 mm 0.5 kg Bottle	12	4.6044.000
FILUB – S Mini Lubricant, Conduits Ø 4 mm - 12 mm 1 kg Bottle	12	4.6044.001

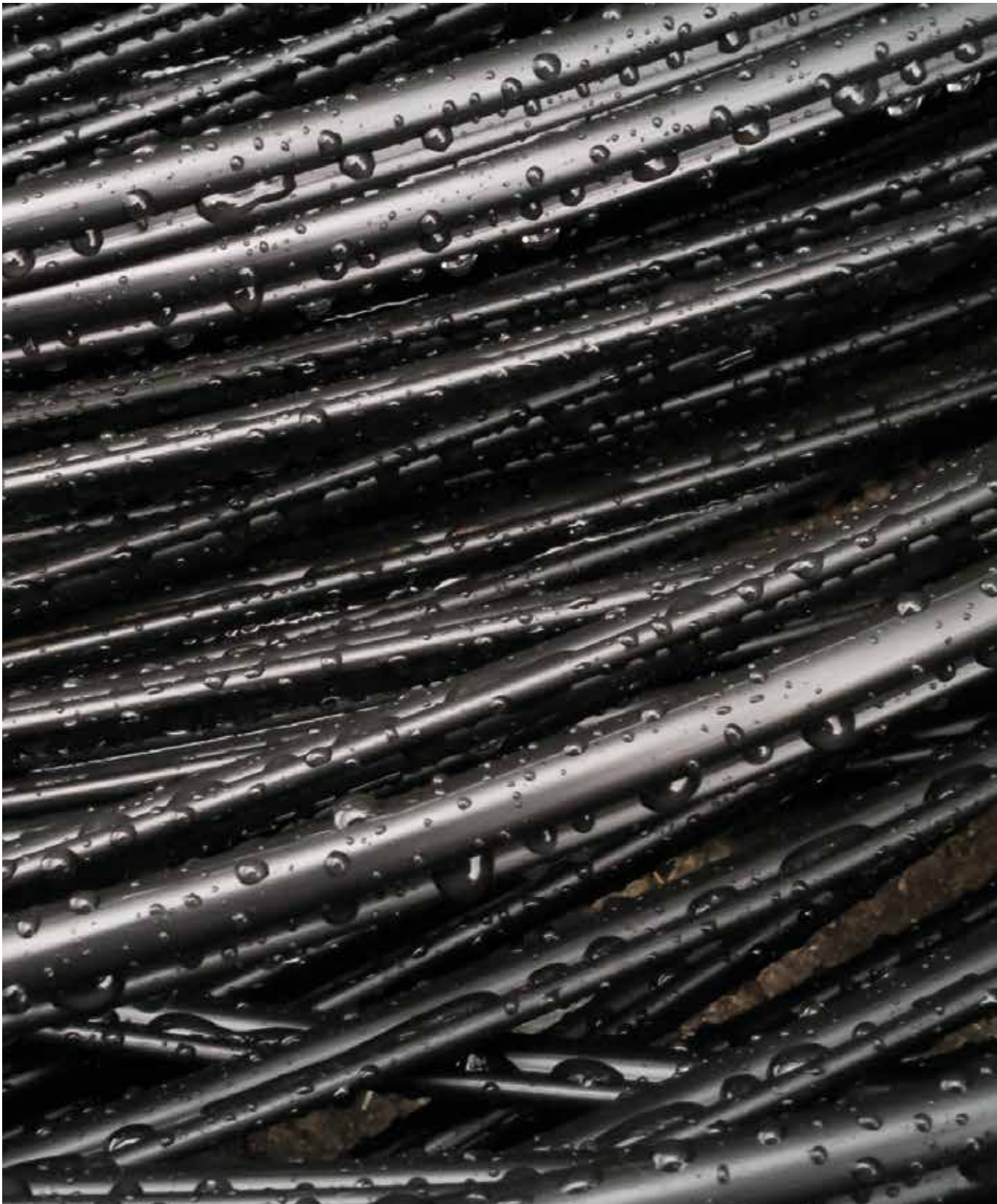
Consumption may vary depending on the type of conduit and its layout.



INSTRUCTIONS FOR USE:

Shake before use and apply a suitable quantity into the conduit. To pre-lubricate the conduit, insert a small sponge and blow with compressed air.

The product can be blown together with the fibre optic if an air-blowing installation machine is used.



CLEANERS

CABLECLEAN – DP

CABLE/FO CLEANING – EXTERNAL SURFACES

It removes protective gel, grease and dirt from telephone, copper and fibre-optic lines.

It is a pure and natural biodegradable solvent extracted from orange peel distillate. This product replaces trichloroethylene, which is regarded as harmful. It may also be used as a replacement for fluoride-based solvents and can be used for cleaning electronic circuits. It can also be used in ultrasound-based cleaning systems.

- High performance, concentrated Cleaner/Degreaser.
- Transparent. Slight smell of orange.
- It does not damage fibre optic protective coating.
- Irritant, biodegradable.
- Inflammable.

INSTRUCTIONS FOR USE:

It can be sprayed directly onto the surface or can be applied by means of a brush, cloth or immersion. The residue can be removed by rubbing it gently with a dry cloth until it has been totally eliminated.



PRODUCT	UNITS/BOX	REF.
CABLECLEAN-DP Cable and FO cleaner 1 L Metal bottle	10	4.6045.000
CABLECLEAN-DP Cable and FO cleaner 400 cc Spray	12	4.6045.001

CABLECLEAN – DN

EXTERNAL SURFACES

More economical and safer.

It is a natural, NON-INFLAMMABLE and biodegradable solvent for removing protective gel, grease and dirt from telephone, copper and fibre-optic lines.

It does not damage plastic/rubber surfaces. It evaporates completely, leaving no type of residue.

- High performance Cleaner/Degreaser.
- NON-FLAMMABLE.
- Transparent. Slight smell of orange.
- It does not damage fibre optic, plastic or rubber.
- Irritant, biodegradable.
- Melting point: 0 °C



INSTRUCTIONS FOR USE:

It can be sprayed directly onto the surface or can be applied by means of a brush, cloth or immersion. The residue can be removed by rubbing it gently with a dry cloth until it has been totally eliminated.

PRODUCT	UNITS/BOX	REF.
CABLECLEAN-DN Cable and FO cleaner 1 L Metal bottle	10	4.6046.000
CABLECLEAN-DN Cable and FO cleaner 0.5 L Metal bottle	10	4.6046.005

CABLECLEAN – WT

EXTERNAL SURFACES

It removes dust, grease and dirt from telephone, copper and fibre-optic lines.

It does not damage plastic/rubber surfaces. It evaporates completely, leaving no type of residue.
It is more cost-friendly and safer than other products used in the same application.

- Cleaner/Degreaser for Cables and FO.
- NON-FLAMMABLE.
- Milky white colour. Slight smell of orange.
- It does not damage fibre optic, plastic or rubber.
- Water-based and natural solvent formula.
- Biodegradable.



INSTRUCTIONS FOR USE:

It can be sprayed directly onto the surface or can be applied by means of a brush, cloth or immersion. The residue can be removed by rubbing it gently with a dry cloth until it has been totally eliminated.

PRODUCT	UNITS/BOX	REF.
CABLECLEAN – WT Cable and FO cleaner 0.5 L Bottle	12	4.6047.000
CABLECLEAN – WT Cable and FO cleaner 1 L Bottle	12	4.6047.001



INSTALLATION AIDS

ESSENTIAL ACCESSORIES FOR
QUALITY AND SPEEDING CABLE LAYING.

Suitable for outdoor installations and long
conduits, they guide and conduct the cable,
minimise friction and protect the cable coating.

ROLLERS	56
PULLING GRIPS	58
DRUM STANDS AND ROLLERS	60
LAYOUT PAINTS AND PULLER	62

ROLLERS

An indispensable item 1 for quality and safe cable laying.

They perform three outstanding functions:

- Guide and conduct the cable from the drum to its ultimate destination.
- Minimise friction and, in turn, provide the necessary tensile strength.
- Protect the cable coating (cover), from friction and cuts.

They should be used all along the cable routing, in both surface and underground installations.

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 CHAMBER 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 chamber or remove it.

4

"V" ROLLERS

It allows you to guide and align the cable at any point on the cable drum outlet. Rugged build.

5

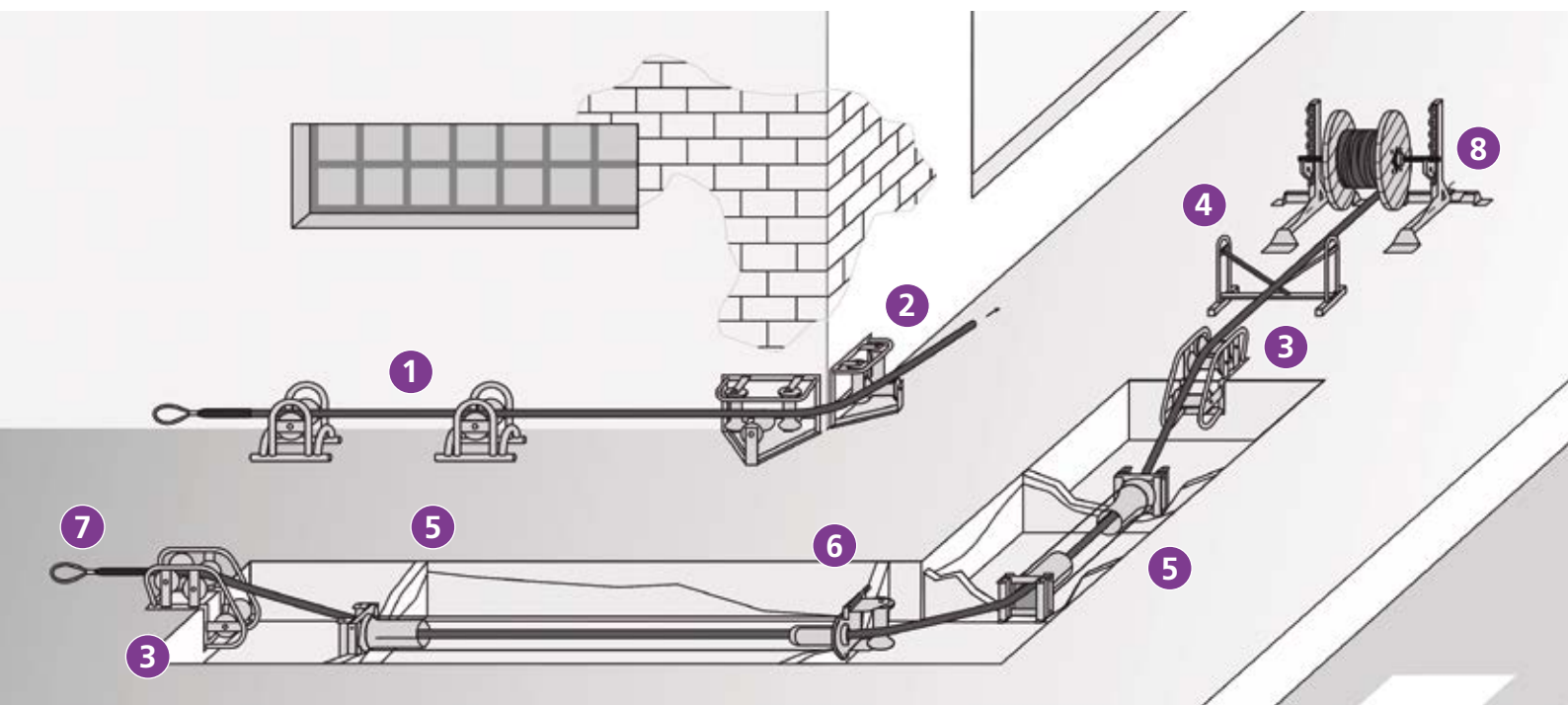
4-WAY ROLLERS CONDUIT INLET/OUTLET

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 chamber. It can be opened for use in inspection chambers and pipes with cables already installed in them.

6

SKID ROLLERS CONDUIT INLET/OUTLET

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



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.

SINGLE ROLLERS

1



MATERIALS	Ø PIPE	OUTER DIAMETER	TOTAL DIMENSIONS mm	WEIGHT	ROLLERS mm OUT - INN Ø x WIDTH	REFERENCE
STEEL	-	-	340x290x175	4 kg	110 - 75 x 185	4.9001.001
ALUMINIUM	-	-	340x290x175	4 kg	130 - 70 x 180	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	-	-	450x320x310	13 kg	130 - 70 x 180	4.9002.001
ALUMINIUM	-	-	550x340x310	14 kg	110 - 75 x 185	4.9002.002

MANHOLE ROLLERS INSPECTION CHAMBER INLET/OUTLET

3



MATERIALS	Ø PIPE	OUTER DIAMETER	TOTAL DIMENSIONS mm	WEIGHT	ROLLERS mm OUT - INN Ø x WIDTH	REFERENCE
STEEL	-	-	540x240x400	8.5 kg	110 - 75 x 185	4.9003.001
ALUMINIUM	-	-	550x240x400	8 kg	130 - 70 x 180	4.9003.002

"V" ROLLERS

4



MATERIALS	Ø PIPE	OUTER DIAMETER	TOTAL DIMENSIONS mm	WEIGHT	ROLLERS mm OUT - INN Ø x WIDTH	REFERENCE
STEEL	-	-	1000x510x480	14 kg	Ø 35 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	Ø 80	Ø 75	360x220x160	5 kg	Ø 35 2x80 - 2x135	4.9005.080
STEEL	Ø 100	Ø 90	360x240x200	6 kg	Ø 35 2x115 - 2x135	4.9005.100
STEEL	Ø 120	Ø 115	360x270x200	7 kg	Ø 35 4x135	4.9005.120
STEEL	Ø 140	Ø 135	360x270x230	8 kg	Ø 35 4x135	4.9005.140

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	Ø 60	Ø 50	340x200x190	3.5 kg	110 - 175 x 125	4.9015.060
STEEL	Ø 80	Ø 75	340x200x190	4 kg	110 - 175 x 125	4.9015.080
STEEL	Ø 100	Ø 90	340x210x190	4.5 kg	110 - 175 x 125	4.9015.100
STEEL	Ø 120	Ø 115	340x220x220	5 kg	110 - 175 x 125	4.9015.120
STEEL	Ø 140	Ø 135	340x240x230	5.5 kg	110 - 175 x 125	4.9015.140

PULLING GRIPS

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

CHOICE OF PULLING GRIP

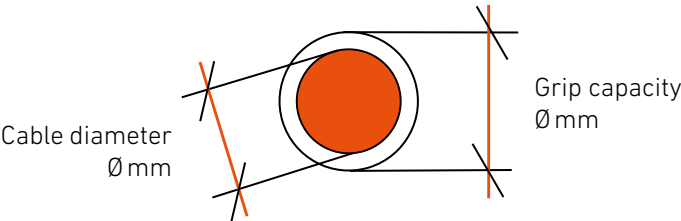
Made of galvanised steel.

In order to choose the right pulling grip, you should first calculate the diameter of the cable or all of the cables.

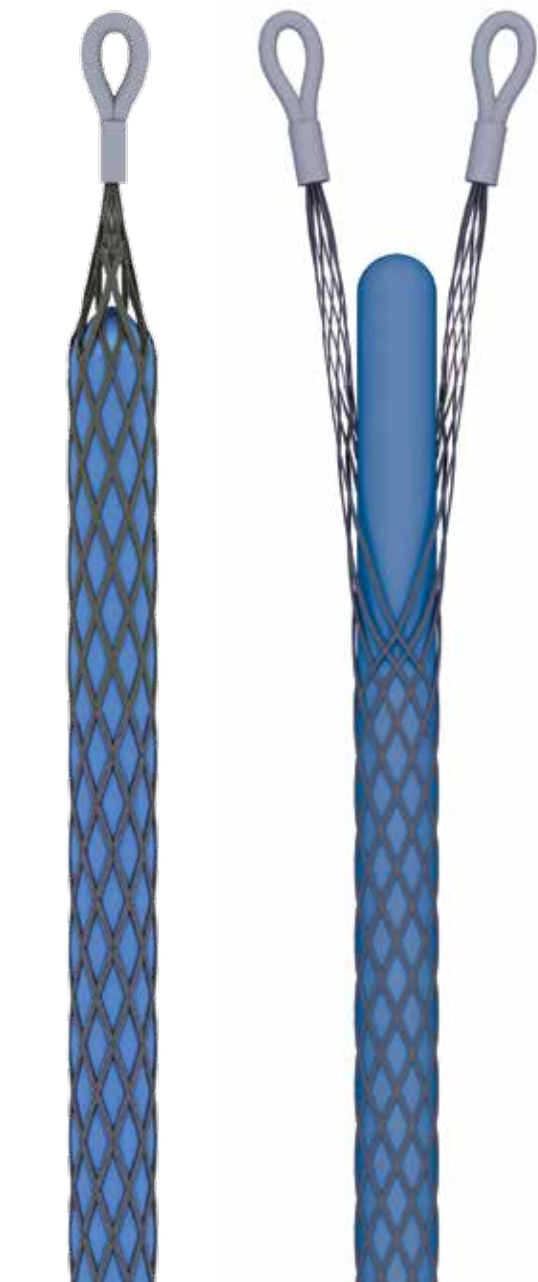
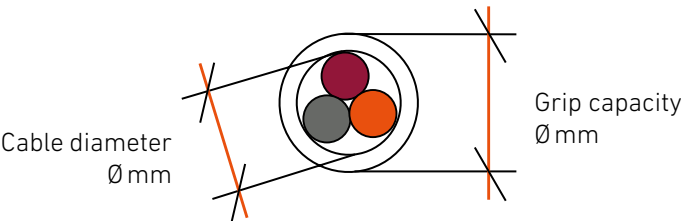
The resulting value should always be within the grip's capacity values.

Always check the expected workload.

SINGLE CABLE



SEVERAL CABLES



CLOSED PULLING GRIP

OPEN PULLING GRIP



We can manufacture the grip you need to suit your specifications.

Please consult us.

7

HOUSEHOLD PULLING GRIPS

Ø CAPACITY PULLING GRIP (one or several cables)	LENGTH		LOAD		NO. STRANDS PULLING GRIP	NO. TIPS	CABLE TYPE	Ø CABLE	REF.
	TOTAL	WORKING	WORKING	BREAKING					
4 - 9 mm	190 mm	120 mm	100 kg	120 kg	1	4	1 x 7+0	0.65 mm	4.7001.000
9 - 15 mm	230 mm	210 mm	100 kg	120 kg	1	6	1 x 7+0	0.65 mm	4.7001.001

• Model with Eyelet Screw Terminal with Ø 6 mm M5

Ø CAPACITY PULLING GRIP (one or several cables)	LENGTH		LOAD		NO. STRANDS PULLING GRIP	NO. TIPS	CABLE TYPE	Ø CABLE	REF.
	TOTAL	WORKING	WORKING	BREAKING					
4 - 6 mm	220 mm	165 mm	200 kg	240 kg	1	4	1 x 7+0	1 mm	4.7001.010
6 - 9 mm	280 mm	210 mm	200 kg	240 kg	1	4	1 x 7+0	1 mm	4.7001.011
9 - 12 mm	375 mm	280 mm	200 kg	240 kg	1	5	1 x 7+0	1 mm	4.7001.012

• Model with Pulling Loop and Standard Eyelet Ø 6 mm M5 additional

INDUSTRIAL PULLING GRIPS

CLOSED CABLE GRIPS									
Ø CAPACITY PULLING GRIP (one or several cables)	LENGTH		LOAD		NO. STRANDS PULLING GRIP	NO. TIPS	CABLE TYPE	Ø CABLE	REF.
	TOTAL	WORKING	WORKING	BREAKING					
15 - 20 mm	700 mm	300 mm	750 kg	1,600 kg	2	8	1 x 19+0	1.0 mm	4.7002.000
20 - 25 mm	800 mm	400 mm	750 kg	1,600 kg	2	8	1 x 19+0	1.0 mm	4.7002.001
25 - 45 mm	1300 mm	750 mm	1,500 kg	4,600 kg	2	8	1 x 19+0	1.5 mm	4.7002.002
45 - 60 mm	1,400 mm	900 mm	2,500 kg	5,500 kg	2	8	1 x 19+0	2.0 mm	4.7002.003
60 - 80 mm	1,900 mm	1,200 mm	2,500 kg	5,500 kg	2	8	1 x 19+0	2.5 mm	4.7002.004
80 - 100 mm	2,000 mm	1,300 mm	3,000 kg	6,000 kg	2	8	1 x 19+0	3.0 mm	4.7002.005

OPEN CABLE GRIPS									
Ø CAPACITY PULLING GRIP (one or several cables)	LENGTH		LOAD		NO. STRANDS PULLING GRIP	NO. TIPS	CABLE TYPE	Ø CABLE	REF.
	TOTAL	WORKING	WORKING	BREAKING					
15 - 20 mm	700 mm	300 mm	750 kg	1,600 kg	2	8	1 x 19+0	1.0 mm	4.7004.000
20 - 25 mm	800 mm	400 mm	750 kg	1,600 kg	2	8	1 x 19+0	1.0 mm	4.7004.001
25 - 45 mm	1300 mm	750 mm	1,500 kg	4,600 kg	2	8	1 x 19+0	1.5 mm	4.7004.002
45 - 60 mm	1,400 mm	900 mm	2,500 kg	5,500 kg	2	8	1 x 19+0	2.0 mm	4.7004.003
60 - 80 mm	1,900 mm	1,200 mm	2,500 kg	5,500 kg	2	8	1 x 19+0	2.5 mm	4.7004.004
80 - 100 mm	2,000 mm	1,300 mm	3,000 kg	6,000 kg	2	8	1 x 19+0	3.0 mm	4.7004.005

* Available in stainless steel

* Wire and fastener included.

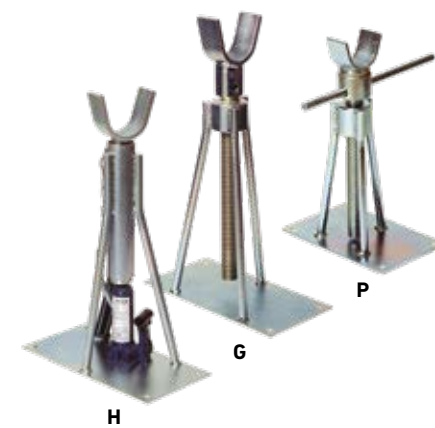
DRUM STANDS AND ROLLERS

For wooden and steel drums.



8

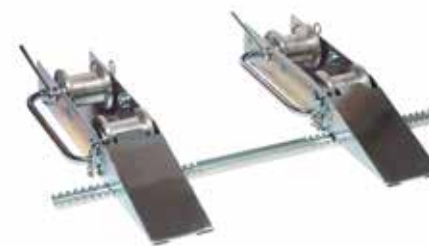
DRUM STAND MECHANICAL/HYDRAULIC



TYPE	DIMENSIONS	CHARACTERISTICS	MAX. WEIGHT DRUMS	REF.
MECHANICAL P	220 x 140 x 325 mm	Supp. Height. Adjustable Axis: 27.5 - 44.5 cm Maximum Drum Diameter: 900 mm Weight (unit): 3.7 kg	1500 kg (750 kg per stand)	4.9006.006
MECHANICAL G	400 x 200 x 630 mm	Supp. Height. Adjustable Axis: 54 - 88.5 cm Maximum Drum Diameter: 1800 mm Weight (unit): 13 kg	3200 kg (1600 kg per stand)	4.9006.002
HYDRAULIC	400 x 200 x 605 mm	Supp. Height. Adjustable Axis: 51.5 - 87.5 cm Maximum Drum Diameter: 1780 mm Weight (unit): 16.2 kg	3200 kg (1600 kg per stand)	4.9006.003

Price per unit. The whole assembly requires 2 units.

ROLLER SKID DRUMS

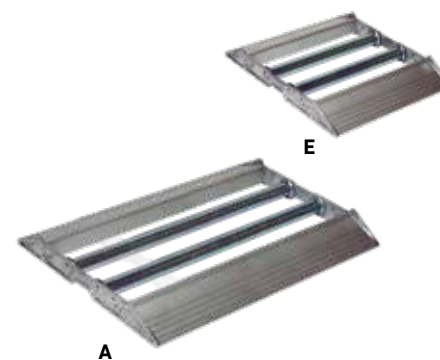


TYPE	DIMENSIONS	CHARACTERISTICS	MAX. WEIGHT DRUMS	REF.
ROLLER SKID P	780 x 225 x 135 mm	Weight (unit): 13.6 kg Drum Diameter: 250 - 700 mm	2000 kg (1000 kg per roller skid)	4.9006.007
ROLLER SKID M	970 x 225 x 135 mm	Weight (unit): 15.8 kg Drum Diameter: 400 - 1200 mm	2000 kg (1000 kg per roller skid)	4.9006.001
ROLLER SKID G	1070 x 225 x 135 mm	Weight (unit): 17.0 kg Drum Diameter: 400 - 1850 mm	2000 kg (1000 kg per roller skid)	4.9006.000

Includes joining rod per set

Price per unit. The whole assembly requires 2 units.

ROLLER NARROW/WIDE



TYPE	DIMENSIONS	CHARACTERISTICS	MAX. WEIGHT DRUMS	REF.
ROLLER E - NARROW	715 x 565 x 100 mm	Weight (unit): 8 kg Drum Diameter: 200 - 700 mm Drum Width (max.) 515 mm	200 kg	4.9006.004
ROLLER A - WIDE	715 x 700 x 100 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.

A

E

LAYOUT PAINTS AND PULLER

Spray paint

- Multi-directional valve. No dripping. Can be used in any position (360°).
- Self-cleaning nozzle, since after use the actual propellant gas cleans the valve, leaving no waste.
- Long-lasting on any surface and visible over time. Weather-resistant.



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

The fish tape puller grips all sizes of fish tape without damaging it.

- It protects the hands. Non-slip.
- Can be used for all kinds of fish tape.
- Long-lasting.
- Made of rubber.



PRODUCT	REF.
Anguila fish tape puller	4.6010.000

PRODUCT INDEX

Index of References

REFERENCE	P.
12003005	18
12003010	18
12003015	18
12003020	18
12003025	18
12003030	18
12004005	18
12004010	18
12004015	18
12004020	18
12004025	18
12004030	18
12103005	18
12103010	18
12103015	18
12103020	18
12103025	18
12103030	18
12104005	18
12104010	18
12104015	18
12104020	18
12104025	18
12104030	18
14003005	18
14003010	18
14003015	18
14003020	18
14003025	18
14003030	18
14004005	18
14004010	18
14004015	18
14004020	18
14004025	18
14004030	18
14103005	18
14103010	18
14103015	18

REFERENCE	P.
14103020	18
14103025	18
14103030	18
14104005	18
14104010	18
14104015	18
14104020	18
14104025	18
14104030	18
15240007	19
15240012	19
15240014	19
15240021	19
15240022	19
20400010	18
20400015	18
20400020	18
20400030	18
20400040	28
20400050	28
20416010	28
20416015	28
20416020	28
20416030	28
20416040	28
20416050	28
20600010	30
20600020	30
20600030	30
20600040	30
20600050	30
20600060	30
20600080	30
20600100	30
20602040	30
20602050	30
20603060	30
20603080	30
20603100	30

REFERENCE	P.
20609010	38
20609020	38
20609030	38
20609040	38
20609050	38
20609060	38
20609080	38
20609100	38
20617050	30
20617060	30
20617080	30
20617100	30
21000040	39
21000050	39
21000060	39
21000080	39
21000100	39
21000120	39
21000150	39
21004040	32
21004050	32
21004060	32
21009040	39
21009050	39
21009060	39
21009080	39
21009100	39
21009120	39
21009150	39
21015060	32
21015080	32
21015100	32
21015120	32
21015150	32
30300010	20
30300015	20
30300020	20
30300030	20
30300040	28

REFERENCE	P.
30300050	28
30350010	20
30350015	20
30350020	20
30350030	20
30350040	29
30350050	29
30419030	29
30419040	29
30419050	29
30419060	29
30419080	29
30450010	29
30450020	29
30450030	29
30450040	29
3045005	29
30450060	29
30450080	29
30459010	38
30459020	38
30459030	38
30459040	38
30459050	38
30459060	38
30459080	38
30600020	30
30600030	30
30600040	30
30600050	30
30600060	30
30600080	30
30600100	30
30609020	38
30609030	38
30609040	38
30609050	38
30609060	38
30609080	38

REFERENCE	P.
30609100	38
30617040	30
30617050	30
30617060	30
30617080	30
30617100	30
30900040	39
30900050	39
30900060	39
30900070	39
30900080	39
30900100	39
30900120	39
30900150	39
30900180	39
30904040	32
30904050	32
30904060	32
30909040	39
30909050	39
30909060	39
30909070	39
30909080	39
30909100	39
30909120	39
30909150	39
30909180	39
30915050	32
30915060	32
30915080	32
30915100	32
30915120	32
30915150	32
30915180	32
31100040	39
31100050	39
31100060	39
31100070	39
31100080	39

REFERENCE	P.
31100100	39
31100120	39
31100150	39
31100180	39
31100200	39
31100250	39
31100300	39
31109040	39
31109050	39
31109060	39
31109070	39
31109080	39
31109100	39
31109120	39
31109150	39
31109180	39
31109200	39
31109250	39
31109300	39
31115040	33
31115050	33
31115060	33
31115080	33
31115100	33
31118120	33
31118150	33
31118200	33
31118250	33
31118300	33
33016010	28
33016015	28
33016020	28
33016030	28
33016040	28
33016050	28
33516010	29
33516015	29
33516020	29
33516030	29

REFERENCE	P.
33516040	29
33516050	29
35030007	21
35030012	21
35030014	21
35030021	21
35030022	21
35030032	21
41001000	22
41001001	22
41001002	22
41001003	22
41001005	22
41002000	34
41002001	34
41004000	34
41005000	22
41007000	22
41008000	22
41008002	34
42001000	34
42003000	34
42004000	34
42006000	34
42007000	34
42008000	34
43001000	22
43001001	22
43001002	22
43001003	22
43002000	35
43003000	35
43005000	35
43006000	35
43008000	35
43009000	35
43010000	35
44001000	34
45002000	37

REFERENCE	P.
45003000	37
45004000	37
45013000	37
45014000	37
45015000	37
45016000	37
45017000	37
45018000	37
45019000	37
46003000	35
46004000	23
46005000	23/35
46006000	35
46010000	62
46015000	43
46016000	43
46017000	43
46019000	43
46020000	45
46025000	45
46030000	44
46030001	44
46042000	47
46042001	47
46042002	47
46043000	48
46043001	48
46043002	48
46044000	49
46044001	49
46045000	51
46045001	51
46046000	52
46046005	52
46047000	53
46047001	53
46050000	62
46050001	62
46050002	62

Index of References

Index of References

REFERENCE	P.
46050003	62
46050020	62
47001000	22/59
7001001	22/59
47002000	59
47002001	59
47002002	59
47002003	59
47002004	59
47002005	59
47004000	59
47004001	59
47004002	59
47004003	59
47004004	59
47004005	59
48000001	23
48000002	36
48000003	36
48000004	36
48000005	36
48000015	23
48001000	23
48002000	36
48003000	36
48004000	36
48005000	36
48006000	23
48006001	23
48007000	36
48008000	36
48009000	36
48010000	36
48015000	23
48100000	23
48501000	23/36
48502001	23/36
48502002	23/36
49001001	57
49001002	57
49002001	57

REFERENCE	P.
49002002	57
49004000	57
49005080	57
49005100	57
49005120	57
49005140	57
49006000	61
49006001	61
49006002	61
49006003	61
49006004	61
49006005	61
49006006	61
49006007	61
49015060	57
49015080	57
49015100	57
49015120	57
49015140	57
60400010	18
60400015	18
60400020	18
60400030	18
60400040	28
60400050	28
60416010	28
60416015	28
60416020	28
60416030	28
60416040	28
60416050	28
65040007	19
65040012	19
65040014	19
65040021	19
65040022	19
70400010	20
70400015	20
70400020	20
70400030	20
70419030	29

REFERENCE	P.
70419040	29
70419050	29
70419060	29
70450010	20
70450015	20
70450020	20
70450030	20
70450040	29
70450050	29
70450060	29
70459040	38
70459050	38
70459060	38
70600020	31
70600030	31
70600040	31
70600050	31
70600060	31
70609020	39
70609030	39
70609040	39
70609050	39
70609060	39
70619020	31
70619030	31
70619040	31
70619050	31
70619060	31
71419030	29
71419040	29
71419050	29
71419060	29
71450010	20
71450015	20
71450020	20
71450030	20
71450040	29
71450050	29
71450060	29
71459040	38
71459050	38

REFERENCE	P.
71459060	38
71600020	39
71600030	39
71600040	39
71600050	39
71600060	39
71600080	39
71600100	39
71609020	39
71609030	39
71609040	39
71609050	39
71609060	39
71609080	39
71609100	39
71619020	31
71619030	31
71619040	31
71614050	31
71614060	31
71614080	31
71614100	31
73300006	21
73300012	21
73300018	21
75045007	21
75045012	21
75045014	21
75045021	21
75045022	21
75145007	21
75145012	21
75145014	21
75145021	21
75145022	21
75145032	21



www.estiare.com

info@estiare.es



ESTIARE S.A.

Pol. Ind. Cova Solera - C/ Praga, 5 - 08191 Rubí - Barcelona - SPAIN

Tel. + (34) 935 861 282 - Fax. + (34) 936 979 768

info@estiare.es - www.estiare.com



Ref.: 007663

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.