



BLACK NYLON COLLARS

Fixing Collars in black nylon 612. The collar is fastened by buckling the tail through the head, the tail is then held in place by the action of the tooth engaging in the serrated head. Particularly suited for work in atmospheric conditions, including marine applications.



Box of 100 pieces

Bar code	Code	Description	Size mm	Max. bundle diameter	Average opening load, daN	PCS per box	PCS per carton
8014748301482	COL.3.410	Black nylon collars packed in boxes - single head -	115 x 6	22	25	100	3500
8014748301475	COL.3.411	Black nylon collars packed in boxes - single head -	175 x 6	40	25	100	3500
8014748302663	COL.3.412	Black nylon collars packed in boxes - single head -	265 x 6	78	25	100	2000
8014748302670	COL.3.413	Black nylon collars packed in boxes - single head -	360 x 6	95	25	100	1400
8014748301468	COL.3.419	Black nylon collars packed in boxes - single head -	120x 9	22	40	100	3500
8014748300836	COL.3.420	Black nylon collars packed in boxes - single head -	180 x 9	45	50	100	3500
8014748300843	COL.3.421	Black nylon collars packed in boxes - double head -	265 x 9	70	50	100	2000
8014748300850	COL.3.422	Black nylon collars packed in boxes - double head -	360 x 9	95	50	100	1400
8014748300867	COL.3.423	Black nylon collars packed in boxes - double head -	500 x 9	140	50	100	1000
8014748300874	COL.3.424	Black nylon collars packed in boxes - double head -	750 x 9	220	50	100	700

BLACK NYLON CLIP-ON CABLE TIE

Clip-on cable tie. This special cable tie in self-extinguishing V2 nylon has a specially designed push-mount head. Particularly indicated for the car industry.



Pack of 100 pieces

Bar code	Code	Description	Size mm	hole Ø in mm	Max. bundle diameter	Average opening load in daN	PCS per bag	PCS per carton
	SCA.3.210	Black nylon clip-on cable tie for thick panels 2,5÷ 3 mm	140 x 3,5	6	32	20	100	5000

NATURAL NYLON MARKER TIE

Nylon cable tie in self-extinguishing V2. The built-in identification tag can be marked to identify cables.



Pack of 100 pieces

Bar code	Code	Description	Size mm	Max. bundle diameter	Average opening load, daN	PCS per bag	PCS per carton
	SEL.2.202T	Marker tie sizes 25x8	100 x 2,5	25	11	100	5.000
	SEL.2.205T	Marker tie sizes 25x8	200 x 2,5	50	11	100	5.000



NATURAL NYLON MARKER TIE

Pack of 100 pieces



Bar code	Code	Description	Size mm	Max. bundle diameter	Average opening load, daN	PCS per bag	PCS per carton
	SEL.2.223T	Marker tie sizes mm 35x13	200 x 4,8	50	28	100	5000
	SEL.2.425T	Marker tie sizes mm 35x13	290 x 4,8	90	28	100	4000

NATURAL AND BLACK NYLON 6.6 LOW PROFILE HEAD CABLE TIE

The special shape of the cable tie heads enables closer fit and less bulky cabling.

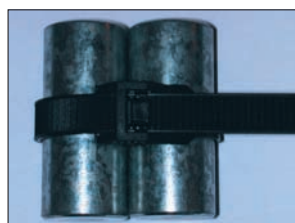


Pack of 100 pieces

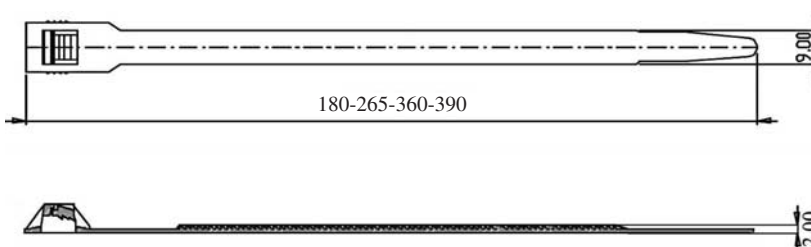
Bar code	Code	Description	Size mm	Max. bundle diameter	Opening load, daN	PCS per bag	PCS per carton
8014748302601	TOR.2.201	Natural nylon	180 x 9	42	55	100	5.000
8014748302618	TOR.2.202		265 x 9	63	55	100	3.000
8014748302625	TOR.2.203		360 x 9	94	55	100	2.000
8014748303783	TOR.2.204		390 x 9	115	55	100	2.000

8014748302632	TOR.3.201	Black nylon	180 x 9	42	55	100	5.000
8014748302649	TOR.3.202		265 x 9	63	55	100	3.000
8014748302656	TOR.3.203		360 x 9	94	55	100	2.000
8014748303790	TOR.3.204		390 x 9	115	55	100	2.000

Application:



Technical characteristics:



Raw Material: PA 6.6
 Working Temperature: -10°C ÷ +80°C
 Minimum Application Temperature: -15°C
 Recommended Work Load: 25 daN (≈ 25 Kg)



NATURAL AND BLACK NYLON 6.6 RE-OPENABLE CABLE TIE

These cable ties have a tongue for temporary cabling/fixing applications, enabling the tie to be reused over and over again.



Bar code	Code	Description	Size mm	Ø Max tightening mm	Minimum pull out resistance (daN)	PCS per bag	PCS per carton
8014748302427	RIA.2.232	Reopenable cable tie Nylon 6.6 natural	200 x 7,5	50	36	100	5000
8014748302434	RIA.3.232	Reopenable cable tie Nylon 6.6 black	200 x 7,5	50	36	100	5000
8014748302403	RIA.2.233	Reopenable cable tie Nylon 6.6 natural	280 x 7,5	76	36	100	4000
8014748302410	RIA.3.233	Reopenable cable tie Nylon 6.6 black	280 x 7,5	76	36	100	4000
8014748302380	RIA.2.234	Reopenable cable tie Nylon 6.6 natural	360 x 7,5	100	36	100	3000
8014748302397	RIA.3.234	Reopenable cable tie Nylon 6.6 black	360 x 7,5	100	36	100	3000

(1 daN ≈ 1 Kg)

Application:



Fig. A



Fig. B

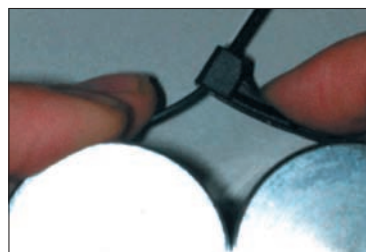


Fig. C

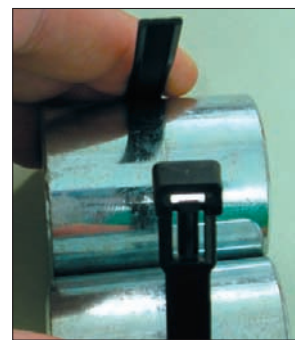
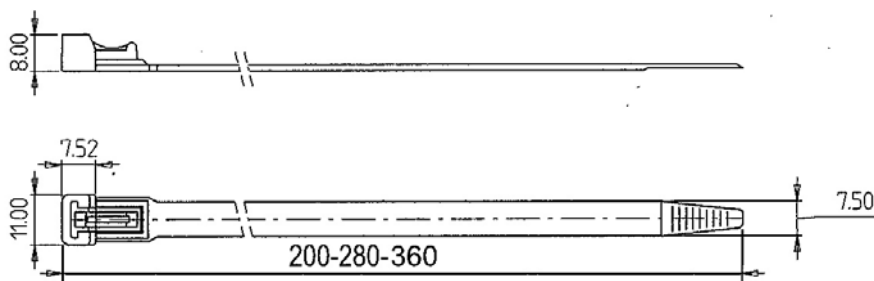


Fig. D

Technical characteristics:



Raw Material: PA 6.6
 Working Temperature: -10°C ÷ +80°C
 Minimum Application Temperature: -15°C
 Recommended Work Load: 15 daN (≈ 15 Kg)



VOLTAGE IDENTIFICATION CABLE TIE RAL 2004
SAPISELCO PATENT PD2001U35

Identification ties for 900 V circuits. Technical Specification ENEL DS 4224.



Bar code	Code	Description	Size mm	PCS per bag	PCS per carton
	SEL.13.023T9	Nylon 6.6 RAL 2004	200 x 4,5	1000	1000

VOLTAGE IDENTIFICATION CABLE TIE RAL 2004
SAPISELCO PATENT PD2001U35

Technical Specification ENEL DS 4224.



Bar code	Code	Description	Size mm	PCS per bag	PCS per carton
	SEL.13.043T9	Nylon 6.6 RAL 2004	780 x 9	500	500

PLEASE CONTACT OUR SALES OFFICE FOR PRICES.



IDENTIFICATION CABLE TIES
SAPISELCO PATENT PD2001U35

Cable ties made to order.

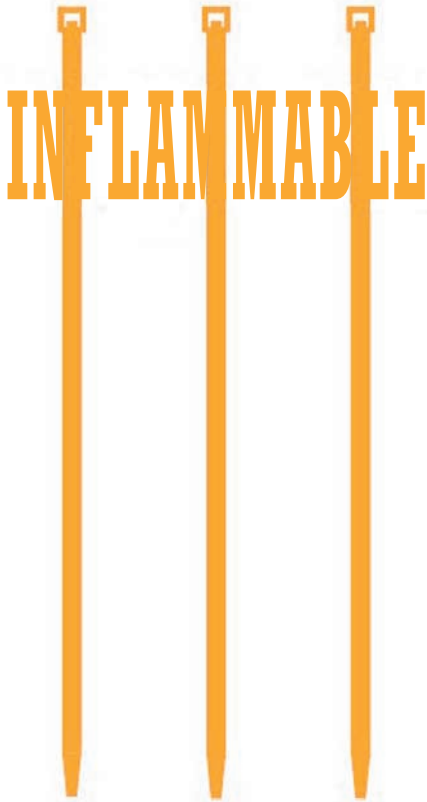


Fig. 1

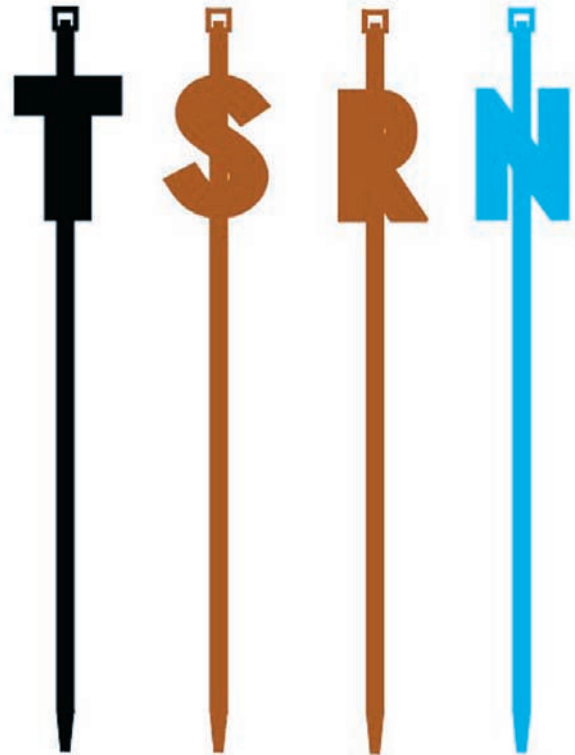


Fig. 2



Fig. 3



Fig. 4



Fig. 5



Fig. 6

PLEASE CONTACT OUR SALES OFFICE FOR PRICES.

FREELOCK®

Freelock is a reusable "pull-open" cable tie.

SAPI PATENT PD 92 C000314.

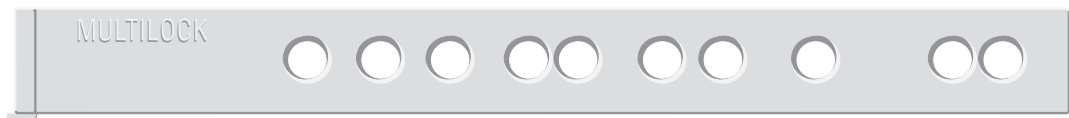


Bar code	Code	Description	Size mm	Max. bundle diameter	Average opening load, daN	PCS per bag	PCS per carton
	FLK.2.201	Reusable nylon cable tie	75 x 2,5	15	5 ÷ 2	100	30000
	FLK.2.202	Reusable nylon cable tie	100 x 2,5	23	5 ÷ 2	100	30000
	FLK.2.203	Reusable nylon cable tie	135 x 2,5	34	5 ÷ 2	100	30000

MULTILOCK® - MULTI-SIZE COLLAR CLAMP

Multilock is a multi-size nylon collar clamp, suitable for all light-duty cable and pipe wall fixings.

SAPI PATENT PD 92 A 000112.



Bar code	Code	Description	Size mm	Max. bundle diameter	Strenght, N	PCS per bag	PCS per carton
8014748300881	MLK.101	Nylon multi-size collar clamp in grey RAL 7001	15 x 160	10 ÷ 40		50	1000



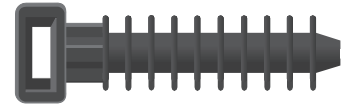
8014748300898	MLK.102	Collar + Wallplug CXP 6x40	15 x 160	10 ÷ 40		25+25	500
---------------	----------------	----------------------------	----------	---------	--	-------	-----



8014748300904	MLK.103	Collar + Wallplug. SN Ø 6 + screw 4,5 x 35 + Washer.	15 x 160	10 ÷ 40		25+25	500
---------------	----------------	--	----------	---------	--	-------	-----

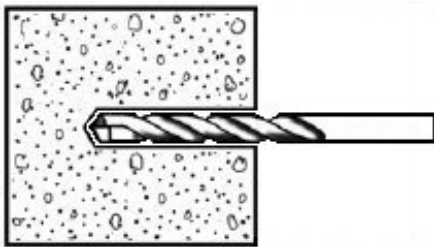
ACCESSORIES

Winged wall plug: designed for plug-in installation into an \varnothing 8mm hole in the wall. The protruding head enables the cable bundle to be fixed at a set distance from the wall.

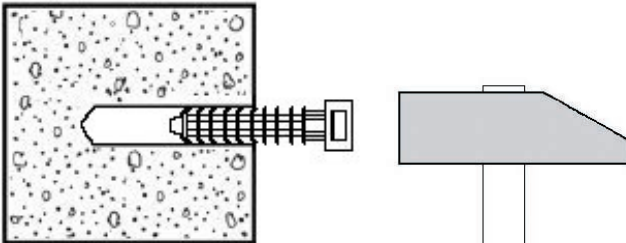


Code	Description	Max. width cable ties, mm	Size mm	PCS per bag	PCS per carton
ALE.3.401	Black nylon winged plug	9	10 x 43	100	5000

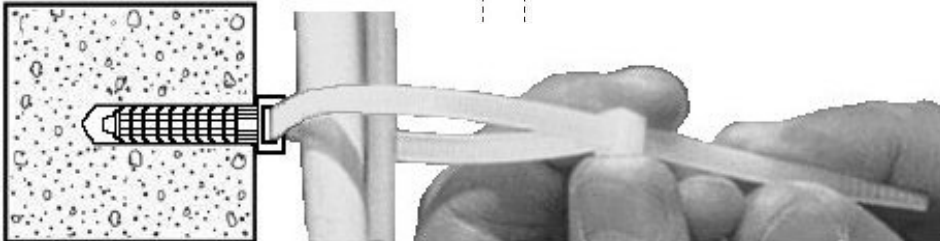
Installation:



Drill an 8 mm \varnothing hole to a depth of 40 mm

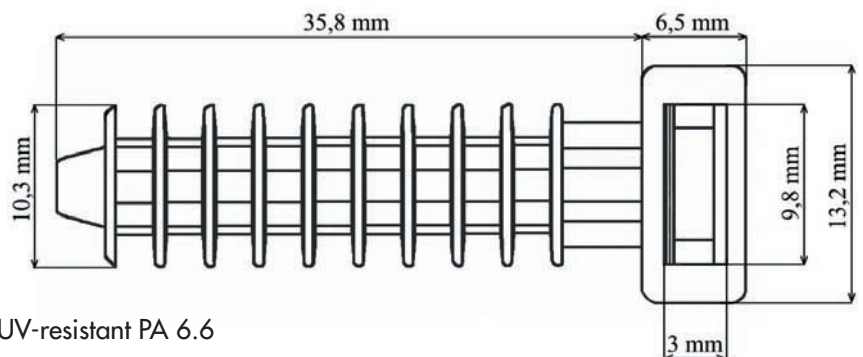


Tap in the wall plug.



Slot a cable tie or collar of a maximum width of 9 mm into the head and complete the fixing.

Technical characteristics:



Material: Black UV-resistant PA 6.6
 Minimum Application Temperature: 10°C
 Work Temperature: -40°C ÷ +65°C
 Average pull-out load: 30Kg
 Recommended work load: 15Kg
 Warning. Preferred applications: solid brick, concrete, and all compact materials.



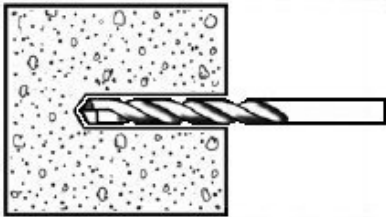
ACCESSORIES

Threaded winged plug : the screw-on support can be replaced with another threaded head.

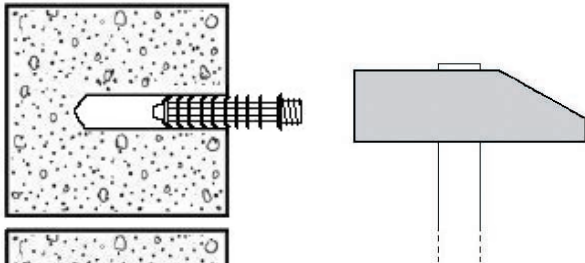


Code	Description	Max. width cable ties, mm	Size mm	PCS per bag	PCS per carton
ALF.3.401	Threaded wall plug Ø 10	9	10 x 38,8	100	5000
SUF.3.401	Winged support Ø 7 Thread 1.5 mm	9	10 x 12,5	100	5000

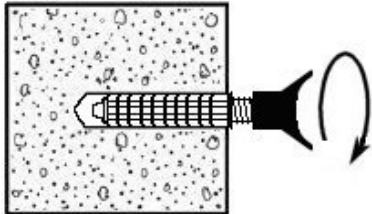
Installation:



Drill an 8 mm Ø hole to a depth of 40 mm



Tap in the wall plug.

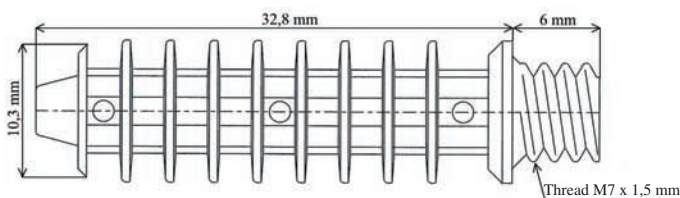


Screw on the saddle-shaped support without using undue force.

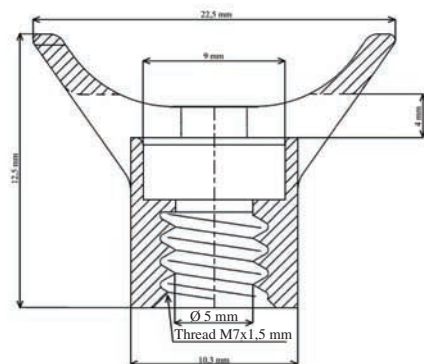


Slot a cable tie or collar of a maximum width of 9 mm into the head and complete the fixing.

Technical characteristics:



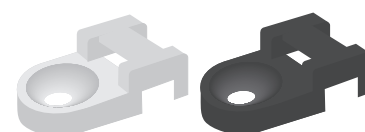
- Screw threading: Ø 7 mm – Thread 1.5 mm
- Material: Black UV-resistant PA 6/6
- Minimum Application Temperature: 10°C
- Work Temperature: -40°C ÷ +65°C
- Average pull-out load: 30Kg
- Recommended work load: 15Kg
- Warning. Preferred applications: solid brick, concrete, and all compact materials.





Rod and pipe support: designed to fix two pipes to the wall at a set distance and in parallel with each other using two 9 mm collars.

Code	Description	Max. width cable ties, mm	Size mm	PCS per bag	PCS per carton
SUP.3.402	Black nylon rod and pipe support	9		100	3000



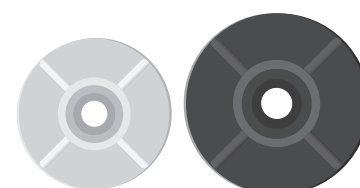
Natural or black V2 nylon self-extinguishing cable support to be used with screw and wall plug for fixing a cable tie to the wall.

Code	Description	Max. width cable ties, mm	Size mm	PCS per bag	PCS per carton
SUP.2.405	Natural nylon eyelet support Ø 3.8 mm	5		100	3000
SUP.3.405	Black nylon eyelet support Ø 3.8 mm	5		100	3000



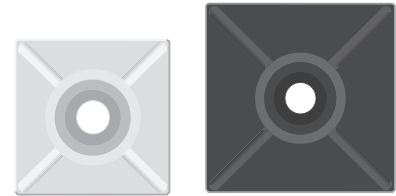
Natural or black V2 nylon self-extinguishing, saddle cable support to be used with screw and wall plug for fixing a cable tie to the wall. The spacer pin keeps the cable from coming in contact with the wall, thus safeguarding electrical insulation.

Code	Description	Max. width cable ties, mm	Size mm	PCS per bag	PCS per carton
SUP.2.401	Saddle natural nylon support Ø 5 mm	9		100	3000
SUP.3.401	Saddle black nylon support Ø 5 mm	9		100	3000



Natural or black V2 nylon bases, self-extinguishing, non-dual adhesive. The cables are fixed to the wall by slotting the cable ties through the eyelets. The round or square shape of the support reduces bulkiness. Applied using screws and anchors.

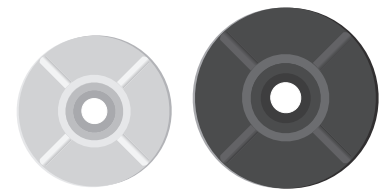
Code	Description	Max. width cable ties, mm	Size mm	PCS per bag	PCS per carton
BAS.2.401	Natural nylon base, non-dual adhesive	4	Ø 20	100	3000
BAS.2.402	Natural nylon base, non-dual adhesive	6	Ø 28	100	3000
BAS.3.401	Black nylon base, non-dual adhesive	4	Ø 20	100	3000
BAS.3.402	Black nylon base, non-dual adhesive	6	Ø 28	100	3000



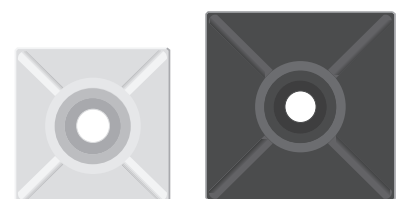
Square nylon bases.

Code	Description	Max. width cable ties, mm	Size mm	PCS per bag	PCS per carton
BAS.2.405	Natural nylon square base, non-dual adhesive	4	∅ 19	100	3000
BAS.2.406	Natural nylon square base, non-dual adhesive	6	∅ 27	100	3000
BAS.3.405	Black nylon square base, non-dual adhesive.	4	∅ 19	100	3000
BAS.3.406	Black nylon square base, non-dual adhesive	6	∅ 27	100	3000

Dual-adhesive V2 nylon bases in natural or black, self-extinguishing. The cable ties are slotted through the eyelets for fixing cables or other items to the wall. The round or square shape reduces bulkiness. The bases come with the **adhesive already applied**. Walls must be smooth and grease-free.



Code	Descrizione	Max. width cable ties, mm	Size mm	Pull load, daN	PCS per bag	PCS per carton
BAS.2MT.501	Natural nylon base with dual adhesive	4	∅ 20	10	100	3000
BAS.2MT.502	Natural nylon base with dual adhesive	6	∅ 28	16	100	3000
BAS.3MT.501	Black nylon base with dual adhesive	4	∅ 20	10	100	3000
BAS.3MT.502	Black nylon base with dual adhesive	6	∅ 28	16	100	3000



Square, dual-adhesive nylon bases

Code	Description	Max. width cable ties, mm	Size mm	Pull load, daN	PCS per bag	PCS per carton
BAS.2MT.507	Natural nylon square base, with dual adhesive	4	∅ 19	10	100	3000
BAS.2MT.508	Natural nylon square base, with dual adhesive	6	∅ 27	16	100	3000
BAS.3MT.507	Black nylon square base, with dual adhesive	4	∅ 19	10	100	3000
BAS.3MT.508	Black nylon square base, with dual adhesive	6	∅ 27	16	100	3000

Dual-adhesive clips in self-extinguishing natural or black V2 nylon. The special support is designed for the quick insertion and removal of one or more cables without compromising the cable insulation. Suitable for cables of up to 15 mm Ø.



Code	Description	L x h mm	Cable diameter	Pull load, daN	PCS per bag	PCS per carton
GAN.2MT.401	Clip in natural nylon with dual adhesive	19 x 10	5	10	100	3000
GAN.3MT.401	Clip in black nylon with dual adhesive	19 x 10	5	10	100	3000
GAN.2MT.402	Clip in natural nylon with dual adhesive	26 x 13	10	16	100	3000
GAN.3MT.402	Clip in black nylon with dual adhesive	26 x 13	10	16	100	3000
GAN.2MT.403	Clip in natural nylon with dual adhesive	26 x 18	15	16	100	1500
GAN.3MT.403	Clip in black nylon with dual adhesive	26 x 18	15	16	100	1500

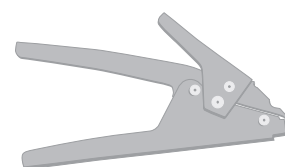
Identification tags in self-extinguishing natural V2 nylon. Four slots to house cable ties measuring up to 5 mm in width and 1.5 mm thick. Tags come in a usable size of 20x40 mm and can be labelled or marked with an indelible pen.



Code	Description	Max. width cable ties, mm	Size mm	PCS per bag	PCS per carton
PID.101	Natural nylon identification tags	5	20 x 40 x 1,3	100	3000

FIXING TOOLS

Collar fastening and cutting pliers. Facilitate the tightening and cut of collars. Non-calibrating, leaves a short length of tail close to the head. Metal tool very useful for fastening collars. Maximum width 9 mm.



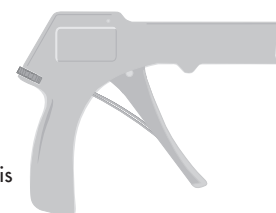
Code	Description	Max. width cable ties, mm	Load calibration, daN	
			from	to
PIN.005	Collar fastening and cutting pliers	9	—	—

5 mm cable-tie tensioning tool. Suitable for cable ties up to 5 mm wide. This metal tool helps to adjust the preload, cutting the preceding residual part.



Code	Description	Max. width cable ties, mm	Load calibration, daN	
			from	to
PIN.003	Metal pliers with preload adjuster	5	3.5	12

8 mm cable-tie tensioning tool. Suitable for cable ties up to 8 mm wide. In special glass-fibre reinforced resin, this tool enables the user to adjust the preload from a minimum of 2.5 kg to a maximum of 14 kg, and cuts the residual part.



Code	Description	Max. width cable ties, mm	Load calibration, daN	
			from	to
PIN.004	Plastic pliers with preload adjuster	8	2.5	14



COLLAR KIT WITH TOOLCASE

BAR CODE 8014748302724	Description	Size mm	Pieces n.
	Single-head collar	180 x 9	100
	Double-head collar	265 x 9	100
	Double-head collar	360 x 9	100
	Winged wall plug for cable ties of 9 mm width max.	Ø 10 x 43	100
	Collar pliers (PIN.005)		1
Code SEL.A.13			

Methods of application and warning.

Fixing collars, unlike cable ties, are made so that the tail can be slotted into the head, thanks to the elasticity of the material and the elastic buckle of the head. Collars are made of softer and more flexible material than that used for cable ties. These collars are difficult to fasten by hand, therefore, we advise using a tool (PIN 005). Given that these pliers are not preloaded, the force used needs to be adjusted until, when cutting the residual part of the tail, at least two or three tooth are left protruding from the head.

A safety factor of 2 should be adopted in normal environmental conditions. A higher safety factor (of between 2 and 10) needs to be applied in more extreme conditions and should be increased the more the environmental conditions veer from normal.

OPENING LOAD = the force needed to unbuckle the collars

CONSTANT LOAD = the load the collar has to support after tightening

PRELOAD = the force applied when tightening the collar (with pliers or other tool)



Application formula:


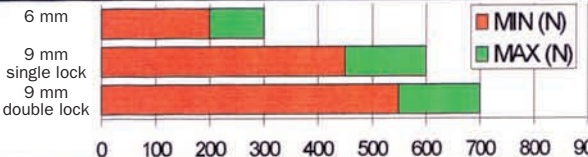

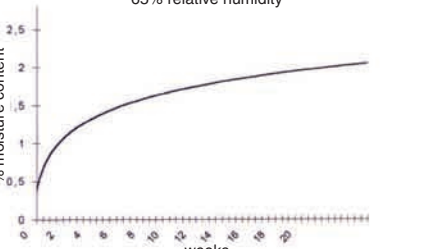
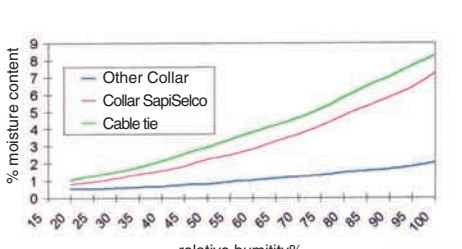


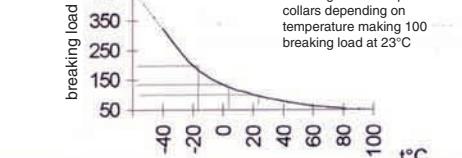








$$\frac{\text{Opening Load}}{\text{Safety Factor}} = \text{Constant Load} + \text{Preload}$$

Technical information on the material used is contained in the section "General Information".

Key technical information.

Reaction to Physical and Chemical Factors

TECHNICAL NOTE ABOUT SAPISELCO COLLARS

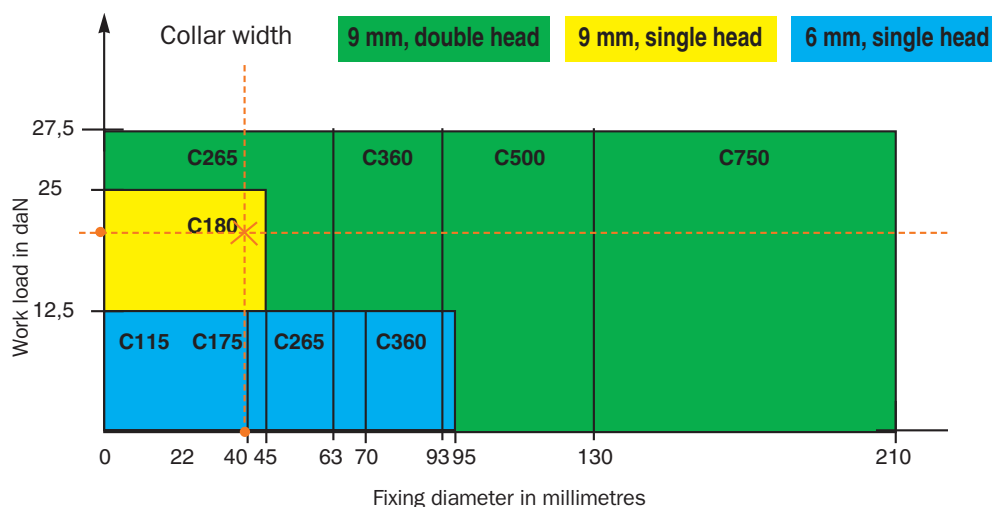
 1kg=9,81N		BREAKING LOAD (N) AT 23 °C AND 50 % R.H. Newton	
 % H ₂ O	%moisture absorbed at 20°C and 65% relative humidity 	% moisture absorbed by product at 23°C 	
 °C	INSTALLATION RANGE TEMPERATURE  WORK TEMPERATURE -40°C TO +65°C	 breaking load of SapiSelco collars depending on temperature making 100 breaking load at 23°C	
	SUN-RESISTANT MATERIALS USED		
	RESISTENCE OF NYLON TO CHIMICAL PRODUCTS		
	THE COLLARS ARE NOT SELF-EXTINGUISHING UL 94 HB CLASSIFICATION		
	APPLICATION FORMULA SELECTION OF SAFETY COEFFICIENT IN LINE WITH WORK CONDITIONS 2 < SAFETY FACTOR < 10 $\frac{\text{BREAKING LOAD}}{\text{SAFETY COEFFICIENT}} = \text{PRELOAD} + \text{WORKING LOAD}$ Directions for collar tool use: We advise adjusting the preload and, when cutting the tail, leaving at least 2 or 3 tooth protruding from the head.	DO NOT APPLY TO BODY PARTS 	
	ALL PACKAGING IS FULLY RECYCLABLE  ALL PRODUCTION DATA IS TRACEABLE THANKS TO THE BATCH LOT NUMBER ON EUROPALLETS, SIZE EUR 120x80 CM AND MAX. HEIGHT OF 2 MT. QUANTITY GUARANTEED WITH MARGIN OF ERROR OF +/- 3%.		
	COMPARISON OF SAPISELCO 360x9 COLLAR WITH OTHER 360x9 COLLAR AND 360x7.5 CABLE TIE		
	SapiSelco	Other	Cable tie
INSERTION LOAD	35 N	50 N	10 N
BREAKING LOAD	650 N	650 N	600 N
COLD RESISTANCE	-10°C	-5°C	-10°C
UL 94 SELF-EXTINGUISHING	HB	HB	V2

The values indicated are guaranteed at 23°C + 10% R.H. + 20%.
 Under different conditions, use an adequate safety coefficient.

Chart Indications for correct collar fastening selection.

The chart below helps the user to find the right size of collar for the required work load and fixing diameter, based on a safety factor of 2. The goal is avoid waste while at the same time ensure a long-lasting fastening. For example, using the chart to plot a fixing diameter of 40 mm and a work load of 20 kg covers the yellow area on the chart, indicating the most suitable collar size as 180 x 9 mm.

1 kg corresponds to 1 daN



Collar Packaging



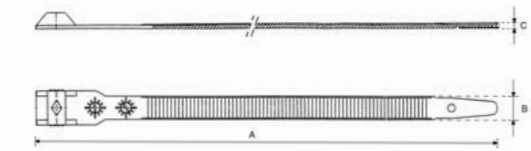
A practical legend furnishes technical information on the product's physical and chemical features.



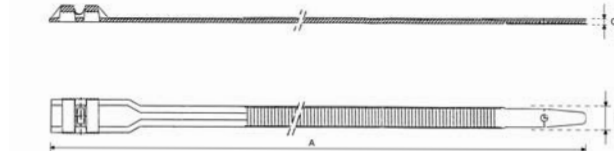
The front of each pack of collars carries all the technical information relative to the product, size, quantity, product code, reopening load, minimum and maximum cable diameter, and bar code.

Technical Specifications.

SINGLE HEAD



DOUBLE HEAD



SAPISELCO code	Size in mm	Colour	A mm	B mm	C mm	Cable Bundle Min-Max	Bag Size in mm	Weight in Grams per Item	Head Type	Box Size
SIZE ALLOWANCE			± 2%	± 5%	± 5%	± 2%	± 10%	No. Pieces/100-pc Pack +3% No. Packs/ Carton +3%		
COL.3.410	115x6	Black	115	6	2,0	5-22	160x270	1,22	S H	199x98x60
COL.3.411	175x6	Black	175	6	2,0	5-40	150x300	1,68	S H	199x98x60
COL.3.412	265x6	Black	265	6	2,0	10-70	150x450	3,40	S H	307x105x80
COL.3.413	360x6	Black	360	6	2,0	25-93	180x510	4,5	S H	406x100x70
COL.3.419	120x9	Black	120	9	2,0	5-22	160x270	1,78	S H	199x98x60
COL.3.420	180x9	Black	186	9	2,0	10-45	150x320	2,70	S H	242x105x55
COL.3.421	265x9	Black	271	9	2,0	15-63	150x450	4,95	D H	307x105x80
COL.3.422	360x9	Black	366	9	2,0	25-93	180x510	6,66	D H	406x100x70
COL.3.423	500x9	Black	503	9	2,4	65-135	150x650	10,10	D H	540x105x70
COL.3.424	750x9	Black	759	9	2,4	67-215	150x900	14,8	D H	792x105x75

A = length B = width C = thickness SH = single head DH = double head

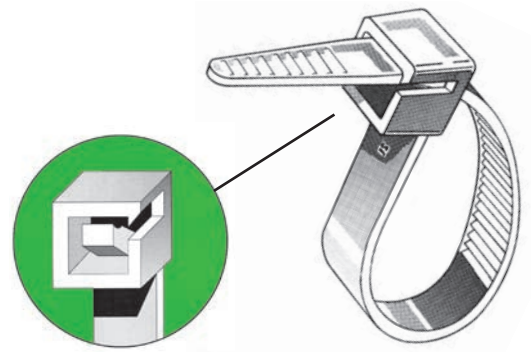
Features	Sapiselco method	UNIT	115x6	175x6	265x6	360x6	120x9	180x9	265x9	360x9	500x9	750x9
Opening load	MAC/01	daN	25	25	25	25	25	50	55	55	55	55
Cold temperatures bending test	MAC/02	°C	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
Minimum operating temperature	MAC/03	°C	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40
Resistance time to applied flame	MAF/08	S	5	5	5	5	5	5	5	5	5	5
Self-extinguishing Classification UL 94	MAF/05	-	HB	HB	HB	HB	HB	HB	HB	HB	HB	HB

The sizes and measurements contained in this price list are expressed in MILLIMETRES.

Opening loads are expressed in daN (1 daN ≈ 1 Kg).

The figures given are guaranteed at 23°C and 50% R.H.

FreeLock.



Reusable “pull-open” CABLE TIE SAPISELCO PATENT PD 92 C000314

FreeLock is a traditional cable tie the head of which has been “weakened” at one side via a slot with a residual thickness of 0.2 mm thick. It is applied in the same way as a traditional cable tie, restricting the preload to 1 kg maximum. The hold of the first application is 50 N, which corresponds to 50% of a normal cable tie of the same size.

The protruding tail is not cut after locking. In this phase, the cable tie functions as both fastener and lock. A sharp tug on the tail, of about 2 kg, breaks the residual hinge and opens the lock. FreeLock can be used many times because, even with the broken head, it is guaranteed to resist a breaking load of 2 kg, thanks to the elasticity of the material.

MultiLock - Multi-size collar clamp.



MULTI-SIZE COLLAR CLAMP SAPISELCO PATENT PD 92 A000112

MultiLock is a multi-size collar, meaning that the body contains several holes, capable of replacing the various types of light-duty fixing systems used to fasten cables and pipes to the wall. The collar is fixed to either building or metal walls with an expansion wall plug or a screw. Can be used to fix cables or pipes of between 10 mm and 40mm diameters, thus replacing a whole range of classic, U bolts.

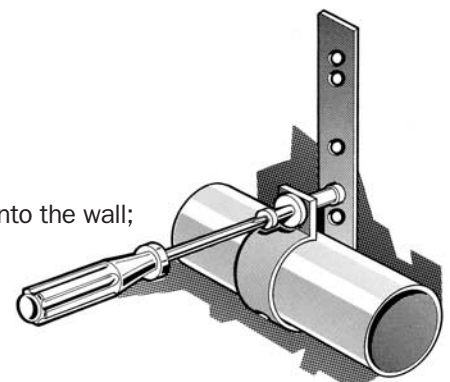


MultiLock is made in grey nylon, is flexible enough for its use. In terms of operating features, the holes in the body indicate the size in mm of the object to be fixed.

The illustration shows how MultiLock is used on vertical walls. Min-Max diameter range: 10mm to 40 mm.

Application method

- drill a hole in the wall (normally 6 mm in diameter);
- select the hole corresponding to the required fixing diameter;
- Slot the wall plug into the selected collar hole and screw the wall plug into the wall;
- position the object and hook the eyelet onto the head of the screw or the wall plug;
- complete the anchorage.



Dual adhesive bases and clips – Methods of application and warning.

Simple and effective accessories with dual adhesive for application on smooth and non-greasy surfaces. These products can hold either the cable ties for fixing the cables to the wall or the cables directly. The dual adhesive is made in white closed-cell polyethylene foam 0.8 mm thick, spread on both sides with a pressure-sensitive synthetic rubber-based glue. These accessories resist temperatures of between $-10^{\circ}\text{C}/60^{\circ}\text{C}$. They are resistant to water, detergents, and alcohol, but deteriorate if placed in contact with aliphatic and aromatic solvents. They have a duration of up to one year provided that they are maintained at a temperature of between 15°C and 25°C at 50% RH.

The traction/detachment ratios are indicated in the price list and refer to data analysed 24 hours after mounting on degreased surfaces cleaned with water (not alcohol).



Fixing Tools.



PIN 005

Not calibrated for preload.
Used to apply collars of up to
9 mm wide.



PIN 004

Adjustable preload for
applying cable ties of up to 8
mm wide. Tightening torque
of 2.5 kg to 14 kg.



PIN 003

Adjustable preload for
applying cable ties of up to 5
mm. Tightening torque of 2.5
kg to 12 kg.