



ELASTICS and **LIGATURES**



Leone offers elastics manufactured with the best quality of latex available.

The innovative low friction **SLIDE*** ligatures are manufactured in a special medical grade polyurethane mix providing all the advantage of low friction biomechanical properties with faster therapeutic times and without the need of extractions. These ligatures are especially indicated for use with Logic Line brackets.

Leone modules for ligatures are stamped from elastomer offering the best elasticity and resistance to oral liquid absorption.

Leone wires for metal ligatures are manufactured out from a high vacuum annealed alloy for the best fit and higher mechanical load.

SLIDE low friction ligatures



mini modules ligatures



wires for metal ligatures

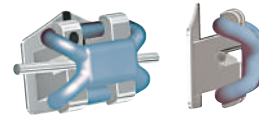


*Patented

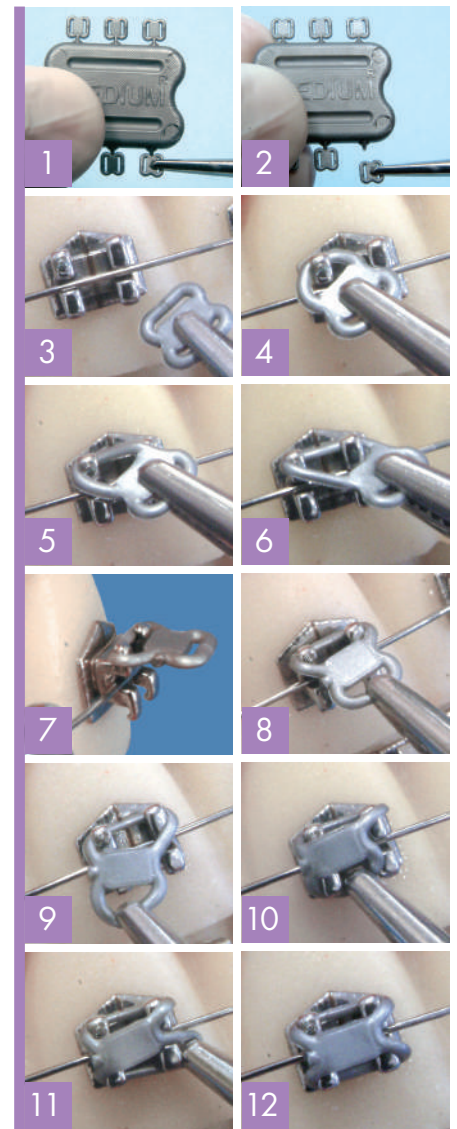


SLIDE LOW FRICTION LIGATURES

SLIDE is a product manufactured with a special polyurethane mix for medical use. It is applied similarly to conventional elastic ligatures. Once placed on the bracket, it creates a passive ligature on the slot that makes the archwire free to slide and to produce its effects on the dentoalveolar structures. This ligature is especially indicated for use with Logic Line brackets which are featuring a housing to keep **SLIDE** ligature in place for integration in the bracket profile. The particular conformation of the **SLIDE** ligature considerably improves patient's comfort during the first phases of treatment. Packs of 10 modules, 6 ligatures each



	colour	extra-small	small	medium
	blue	K6254-10A	K6251-10A	K6252-10A
	yellow	K6254-10G	K6251-10G	K6252-10G
	green	K6254-10V	K6251-10V	K6252-10V
	white	K6254-10	K6251-10	K6252-10
	red	K6254-10R	K6251-10R	K6252-10R
	pink	K6254-10S	K6251-10S	K6252-10S
	black	K6254-10N	K6251-10N	K6252-10N
	ice	K6224-10	K6221-10	K6222-10
	silver	K6264-10	K6261-10	K6262-10





SLIDE COLOURED LIGATURES KIT

K6254-93 extra-small

K6251-93 small

K6252-93 medium

Packs of 432 pcs:
72 assorted modules, 6 ligatures each in 6 colors:
(pink, red, white, green, yellow, blue)

K6260-95

SLIDE LIGATURE SILVER KIT

Pack of 432 pcs:
72 modules, 6 ligatures each:
24 extra-small, 24 small, 24 medium

SLIDE AQUA LOW FRICTION LIGATURES

Thanks to an innovative manufacturing process, the new **SLIDE** low friction ligatures **AQUA** are not subject to corrosion by oral liquids and are now even more resistant to discoloration (a recurring issue with transparent elastomers). Changing ligatures frequently is no longer necessary and perfect aesthetics is guaranteed. This ligature is indicated for use with Logic Line aesthetic brackets (pages 105..108) which are featuring a housing to keep **SLIDE** ligature in place for the integration in the bracket's profile. Clear color.



Courtesy of Dr. A. Fortini



K6214-10 extra-small

K6211-10 small

K6212-10 medium

Packs of 10 modules, 6 ligatures each

K6210-93

SLIDE AQUA LIGATURE KIT

Pack of 432 pcs:
72 assorted modules, 6 ligatures each:
24 extra-small, 24 small, 24 medium



ELASTIC LIGATURES

Manufactured out from high elastic material with a precision injection moulding process. The perfect ring section facilitates the ligation of the brackets. The use of the mini modules allows for a better control of infections.

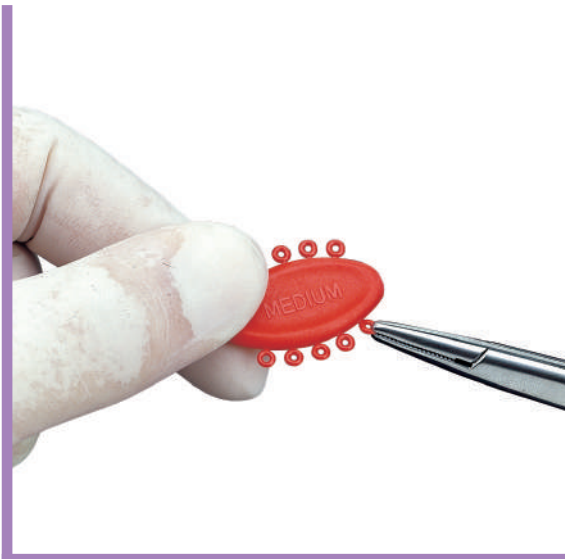
ELASTIC COLOURED LIGATURE KIT MINI MODULES

K7351-93 inner diam. 1,0 mm - **small**

K7352-93 inner diam. 1,3 mm - **medium**

K7353-93 inner diam. 1,6 mm - **large**

Packs of 840 rings, 6 mini modules of 10 rings each in 7 colours



K7320-93

ELASTIC LIGATURE KIT

SILVER AND TRANSPARENT MINI MODULES

Pack of 840 rings:

84 assorted mini modules of 10 rings each:

24 small, 36 medium, 24 large

MINI MODULES

colour	small	medium	large
	inner. diam. 1,0 mm	inner. diam. 1,3 mm	inner. diam. 1,6 mm
blue	K7351-10A	K7352-13A	K7353-16A
pink	K7351-10S	K7352-13S	K7353-16S
green	K7351-10V	K7352-13V	K7353-16V
yellow	K7351-10G	K7352-13G	K7353-16G
red	K7351-10R	K7352-13R	K7353-16R
orange	K7351-10E	K7352-13E	K7353-16E
purple	K7351-10L	K7352-13L	K7353-16L
transparent	K7321-10	K7322-13	K7323-16
silver	K7361-10	K7362-13	K7363-16

200
pcs.

Packs of 20 mini modules, 10 rings each



Ø inner	grey		transparent	pkg.
	1,30 mm	long	K6460-13	
short		K6465-13	K6425-13	
extra short		K6466-13	K6426-13	



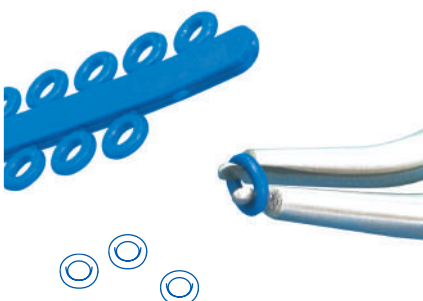
long



short



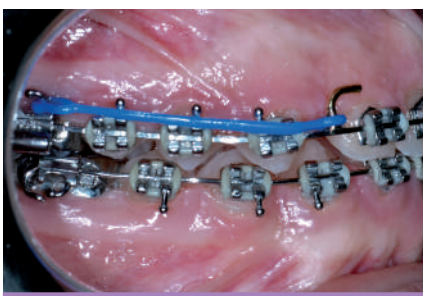
extra short



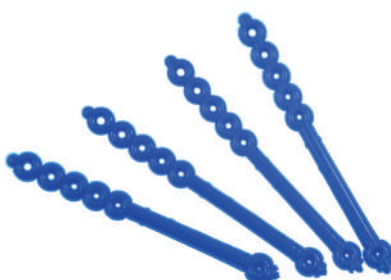
K6378-00

RADIO OPAQUE SEPARATORS IN MODULES

Their circular section allows an easy application with special pliers P1141-00 assuring a gradual and comfortable separation of the teeth before the application of the bands. Radio opaque for a secure X-ray visualization. Pack of 100 modules, 10 rings each



Courtesy of Dr. A. Fortini



K6461-01

TIE-BACK

For the application of elastic tractions on treatments with **STEP** technique. Easy insertion on molar tube. The four anterior holes allow a perfect dosage of force on archwire hook. Colour: blue. Pack of 10

ELASTIC CHAINS FOR LIGATURES

Manufactured out from high elastic material with a precision injection moulding process. The perfect ring section facilitates the ligation of the brackets. The use of the mini modules allows for a better control of infections.

ELASTIC CHAIN KIT

K6429-93 Transparent

K6469-93 Grey

Packs of 6 spools:
3 short, 2 closed and 1 long
on a plexiglas rack



ELASTIC LIGATING MODULES

∅	transparent	grey	pink	blue	green	pkg.
inner						
1,0 mm	K7825-10	K7865-10	K7855-10S	K7855-10A	K7855-10V	600
1,3 mm	K7825-13	K7865-13	K7855-13S	K7855-13A	K7855-13V	pcs.

Packs of 30 modules, 20 rings each



ELASTIC LIGATURES

Used in replacement of metallic ligatures.
Easy engagement under bracket tie wings.

colour		pkg.
light	transparent	K6320-10
medium		K6320-13
light	grey	K6360-10
medium		K6360-13



ELASTIC WIRE FOR LIGATURES AND TRACTIONS

Made of highly elastic, atoxic polyurethane. The rough surface enhances the tightness of ligatures and traction loops.

∅	transparent	pkg.
mm		
0,6	K6125-06	8 m
0,8	K6125-08	



COTTON THREAD FOR ELASTIC LIGATURES

A special elasticized cotton thread created for separation, distalization, traction movements of non-erupted teeth, rotation and closure of spaces at the end of treatment.

light	K4030-01	reels
medium	K4030-02	of
strong	K4030-03	25 m



LIGATURE WIRE

Made of stainless steel.

pkg.	Ø		pkg.
	mm	inch	
spools of 20 g approx.	K4050-23	0,23 .009	K4051-23
	K4050-25	0,25 .010	K4051-25
	K4050-28	0,28 .011	K4051-28
	K4050-30	0,30 .012	K4051-30
	K4050-36	0,36 .014	K4051-36
			reels of 500 g approx.



ELASTIC LIGATURE WIRE

500% elongation capacity with little fatigue. High degree of resistance to oral liquid absorption.

Spools of 8 m

Ø mm	transparent	grey
	0,60	K6020-06
0,80	K6020-08	K6060-08



K6990-18 THERMORETRACTILE PROTECTIVE TUBE

A thermo retractile plastic tubing for covering of labial arches and lip bumpers. It acts as a bumper to protect the buccal mucous membrane from contact with metal wire for better patient comfort. For wires 1,15 mm (.045") up to 1,80 mm (.071") in diameter.

Pack of 1 m



K0470-00 LABIAL ARCHWIRE TUBE

Made of a chemically inert material, anti-adhesive, non porous, with a very low friction coefficient. Slightly thermo retractile when heated at 150°C.

For wires 0,7 mm (.028") up to 0,8 mm (.031") in diameter.

Pack of 5 m



ELASTOMER PROTECTIVE TUBE


High flexible tube that can easily slip over the arch wire to protect buccal mucosa from damage or irritation. When cut to proper length, it prevents over-closure of spaces.

Ø inner mm	transparent		pkg.
	inch		
0,5	.018	K6940-05	3 m
0,7	.027	K6940-07	



PREFORMED WIRE KOBAYASHI

Once ligature is ready, a traction hook may be formed with the looped soldered end, suitable for any kind of bracket.

∅				pkg.
mm	inch			
0,30	.012	K4610-30		100
0,36	.014	K4610-36		



K4680-36 NATURA® PREFORMED KOBAYASHI LIGATURES

Made of wire .014" (0,36 mm) in diameter, twisted, with tooth colour coating.
Pack of 100



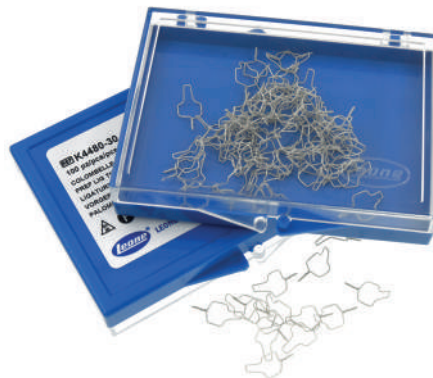
K4280-30 NATURA® PREFORMED LIGATURE WIRE

Made of wire .012" (0,30 mm) with tooth colour coating.
Pack of 100



K4430-25 PREFORMED LIGATURE TIES

Made of wire .010" (0,25 mm) in diameter.
Pack of 1000




K4480-30 NATURA® PREFORMED LIGATURE TIES

Made of wire .012" (0,30 mm) in diameter, with tooth colour coating.
Pack of 100



PREFORMED LIGATURE WIRE




∅				pkg.
mm	inch			
0,23	.009	K4210-23		1000
0,25	.010	K4210-25		
0,28	.011	K4210-28		
0,30	.012	K4210-30		

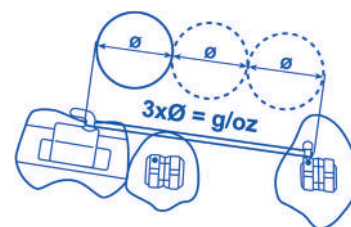


INTRAORAL ELASTICS

Cut from pure surgical latex tubing. All packages indicate the diameter size and the elastic pull which comes into force when the elastic is stretched three times its diameter. On each bag a colored image is printed, for an immediate identification from young patients.

Packs of 10 bags, 100 elastics approx. each bag

	inner	Diameter				
		1/8" - 3,2 mm	3/16" - 4,8 mm	1/4" - 6,4 mm	5/16" - 7,9 mm	3/8" - 9,5 mm
light 2,5 oz - 70g		K0901-02	K0902-02	K0903-02	K0904-02	K0905-02
medium 4,5 oz - 126 g		K0906-04	K0907-04	K0908-04	K0909-04	K0910-04
heavy 6,5 oz - 182 g		K0915-06	K0911-06	K0912-06	K0913-06	K0914-06



EXTRAORAL ELASTICS

Cut from pure surgical latex. Packs of 1 bag with 100 elastics approx.

K0930-93 EXTRAORAL ELASTIC KIT

Pack of 10 bags, 1 each diameter and pull force, 100 elastics

	inner	Diameter				
		3/16" - 4,8 mm	1/4" - 6,4 mm	5/16" - 7,9 mm	3/8" - 9,5 mm	1/2" - 12,7 mm
strong 8 oz - 224 g		K0932-08	K0933-08	K0934-08	K0935-08	K0936-08
extra strong 14 oz - 392 g		K0942-14	K0943-14	K0944-14	K0945-14	K0946-14

K0950-00 APPLICATOR FOR INTRAORAL ELASTICS

Pack of 100



Caution: these products contain natural rubber latex that may cause allergic reactions.