

Spectrum ELASTOMERIC PRODUCTS

A PALETTE OF 28 BRILLIANT COLORS featuring 2 distinct dispensing units and module designs



“Key Tie”

Highly effective for intermediate and finishing stage ligation

- ▶ Highly elastic, moderate ligation forces (30 oz.).
- ▶ New module design features flat cross section for ease of ligation and snug bracket fit.
- ▶ Ten modules per runner allows use of two colors on fully bracketed cases with no remaining modules.



“Ultra Mini”

Highly effective for leveling/aligning initial stage ligation

- ▶ Light, gentle and consistent ligation forces (22 oz.).
- ▶ Highly elastic modules feature flat cross sections.
- ▶ Thin module walls for excellent figure “8” tying.
- ▶ Perfect for brackets with limited tie wing area.

Phoenix
functionally designed ligatures

Medical grade elastomeric material provides greater control over a six to eight week period.

Improved flatter cross section for tighter fit and decreased force decay.



Superior Elastic Recovery Chain

- Consistent, continuous, and gentle force for predictable tooth movement.
- Super-elastic, medical grade material provides superior recovery.
- Thin wall makes under tie wing ligation easy and efficient.
- All *SER* chain is moisture, stain, and odor resistant.
- 15' spool.

continuous, open, and long



(long available in selected colors)

Endura

high performance chain

Manufactured from premium medical-grade elastomeric material that is both stain resistant and tasteless. Endura Chain delivers a uniform, continuous force over significantly longer periods of time in comparison to other elastic chains.

Endura Chain FEATURES & BENEFITS

- * Long-lasting and stain-resistant with consistent, predictable force delivery over 4 weeks.
- * Easy-handling light-proof dispensing spools. Each spool contains 2 meters (6.56') of chain.
- * Spacing variation between modules allows proper selection for effective retraction, ligation, consolidation and maxillary/mandibular/interarch applications.
- * .018 material thickness allows easy ligation and “piggy-backing” with elastomeric modules. Endura chain is an excellent choice for self-ligation and ceramic brackets with limited tie wing areas.
- * Available in continuous and medium linkages. Translucent clear and cosmetic gray color options.
- * Phoenix unique “single-unit pricing” eliminates bulk purchases for quantity discounts.

Manufactured in Japan

Endura Chain RELIABILITY TESTING

February 2012 laboratory testing of Phoenix Endura Chain indicates minimal force degradation in both continuous and medium chain configurations:

CONTINUOUS. Testing 100% elongation in simulated oral environment. 358g initial force.

After 24 hours of elongation: 340g force. 5% loss of force.

After 48 hours of elongation: 327g force. 9% loss of force.

AFTER 4 WEEKS OF ELONGATION: 299g FORCE. 17% LOSS OF FORCE.



MEDIUM. Testing 100% elongation in simulated oral environment. 399g initial force.

After 24 hours of elongation: 354g force. 11% loss of force.

After 48 hours of elongation: 322g force. 19% loss of force.

AFTER 4 WEEKS OF ELONGATION: 296g FORCE. 26% LOSS OF FORCE.



Precision ELASTOMERIC AUXILIARIES

* Force guaranteed within .5 +/- ounce *

PRECISION CUT PURE SURGICAL LATEX INTRA-ORAL ELASTICS

forces in ounces equals 3x passive diameter

Diameter Sizes Light 2.5 oz Medium 3.5 oz Heavy 4.5 oz X-Heavy 6 oz

 1/8" 3.2 mm	Red A	Green A Color option	Blue A Color option	Brown A
 3/16" 4.8mm	Red B	Green B Color option	Blue B Color option	Brown B Color option
 1/4" 6.4 mm	Red C	Green C Color option	Blue C Color option	Brown C Color option
 5/16" 7.9mm	Red D	Green D Color option	Blue D Color option	Brown D Color option
 3/8" 9.5 mm	Red E	Green E Color option	Blue E Color option	Brown E

All elastics are packaged 100 patient packs of 100 elastics per pack.

EXTRA - O R A L E L A S T I C S

Activated force 3X original size

1/4" (8 oz., 14 oz., or 16 oz.)
5/16" (8 oz., 14 oz., or 16 oz.)
3/8" (8 oz., 14 oz., or 16 oz.)
1/2" (8 oz., 14 oz., or 16 oz.)

1,000 elastics per pack

N O N - L A T E X INTRA-ORAL ELASTICS (Allergy Resistant)

1/8" Medium or Heavy Force
3/16" Medium or Heavy Force
1/4" Medium or Heavy Force
5/16" Medium or Heavy Force
3/8" Medium or Heavy Force

100 patient packs
of 100 elastics per pack

Elastic Attachers



assorted colors
100 per pack

"Mini-Stick" Radiopaque or Non-Radiopaque Separators

superior rebound and stretch



1,000 per pack

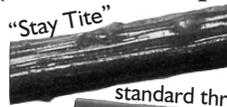
Bulk Radiopaque Separators



1,000 per pack

small
(white or blue)
large
(white or blue)

"Stay Tite-High Memory" Solid Core Elastic Thread (surface "nubs" prevent slippage)



.020 gray & clear
.025 gray & clear
standard thread .030 gray & clear

25' spools

"SEP" Sticks



- .180" diameter for ideal posterior separation.
 - Smooth round surfaces for easy insertion.
 - Available in blue and dark blue radio-opaque.
- 960 per pack

Rotation Wedges



Available in:
gray or clear

100 per pack

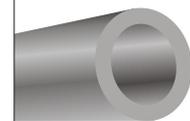
Arch Wire/Lip Bumper Sleeve



.018 gray
.018 clear
.030 gray
.030 clear

10' spools

Hollow Elastic Thread/Tubing



.025 gray
.025 clear
.030 gray
.030 clear

50' spools