

# 7

## ELASTICS AND ELASTOMERS



TP Orthodontics, Inc.  
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# ELASTICS AND ELASTOMERS

## Elastics

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  - Master Pouches
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- Elastics Wearing Guide
- Elastics Dispenser
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- Elast-O Chain
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- Super Slick® Chain
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# Tru-Force® Latex Elastics Cartons

**Cartons** contain either 60 or 80 individual zip-top patient packets of 100 elastics. Cartons make an excellent elastics dispensing system when used with TPO's exclusive plastic dispenser.



Diameter	Packet Color Code	Prior Industry Values	TRU-FORCE VALUES		PLAIN LATEX Order No.	COL-R-LASTICS Order No.	Patient Packets Per Box
			30mm	20mm			
1/8"	White	2 oz.	3.7 oz. (105 g)	3.2 oz ( 92 g)	<b>362-505</b>	<b>372-505</b>	80
	Red	3.5 oz.	4.0 oz. (113 g)	3.6 oz (104 g)	<b>362-504</b>	<b>372-504</b>	80
3/16"	Grey	4.5 oz.	4.5 oz. (129 g)	4.2 oz (120 g)	<b>362-514</b>	<b>372-514</b>	80
	Fiesta Pink	6 oz.	8.7 oz. (249 g)	7.2 oz (206 g)	<b>362-524</b>		60
	Magenta	8 oz.	10.6 oz. (301 g)	9.0 oz (256 g)	<b>362-534</b>		60
1/4"	Blue	3.5 oz.	4.6 oz. (131 g)	3.3 oz ( 94 g)	<b>362-503</b>	<b>372-503</b>	80
	Orange	4.5 oz.	4.9 oz. (139 g)	3.5 oz ( 99 g)	<b>362-513</b>	<b>372-513</b>	80
	Teal	6 oz.	8.0 oz. (228 g)	5.6 oz (161 g)	<b>362-523</b>		60
	Lime	8 oz.	10.0 oz. (284 g)	6.8 oz (195 g)	<b>362-533</b>		60
5/16"	Yellow	2 oz.	2.6 oz. ( 74 g)	1.6 oz ( 47 g)	<b>362-500</b>	<b>372-500</b>	80
	Green	3.5 oz.	3.1 oz. ( 89 g)	1.8 oz ( 54 g)	<b>362-502</b>	<b>372-502</b>	80
	Tan	4.5 oz.	3.6 oz. (103 g)	2.2 oz ( 63 g)	<b>362-512</b>	<b>372-512</b>	80
	Mauve	6 oz.	6.5 oz. (187 g)	4.0 oz (114 g)	<b>362-522</b>		60
3/8"	Pink	3.5 oz.	2.9 oz. ( 83 g)	1.5 oz ( 43 g)	<b>362-501</b>	<b>372-501</b>	60
	Lavender	4.5 oz.	3.2 oz. ( 93 g)	1.7 oz ( 50 g)	<b>362-511</b>	<b>372-511</b>	60

Plain elastics are light amber or nearly colorless.

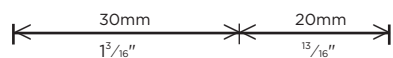
Col-R-Lastics® elastics feature a single color of your choice in each package. The color is a thin, permanently bonded casing that retains its appearance during treatment.



Plain Elastics  
Amber in color



Col-R-Lastics  
One color in a package



Tru-Force values are approximate and vary with distance and time. Values are determined after first prestretching the elastics to their elastic limits. This simulates the action of placing in the mouth and provides realistic intraoral force values. Historically, elastic force has been identified by stretching the elastic three times its diameter. This distance is very difficult to determine in the mouth and is highly impractical. Forces when elastics are stretched three times diameter have little clinical significance and are listed here for reference only. Latex elastics may cause allergic reactions on some people.

# Tru-Force® Latex Elastics Master Pouches

**Master Pouch** packages contain pre-packaged elastics, eliminating hand packaging by office staff and saving time and money. Master pouches contain 20 zip-top envelopes of 100 elastics each for convenient distribution to patients.



Diameter	Packet Color Code	Prior Industry Values	TRU-FORCE VALUES		PLAIN LATEX Order No.	COL-R-LASTICS Order No.
			30mm	20mm		
1/8"	White	2 oz.	3.7 oz. (105 g)	3.2 oz ( 92 g)	<b>362-005</b>	<b>372-005</b>
	Red	3.5 oz.	4.0 oz. (113 g)	3.6 oz (104 g)	<b>362-004</b>	<b>372-004</b>
3/16"	Grey	4.5 oz.	4.5 oz. (129 g)	4.2 oz (120 g)	<b>362-014</b>	<b>372-014</b>
	Fiesta Pink	6 oz.	8.7 oz. (249 g)	7.2 oz (206 g)	<b>362-024</b>	
	Magenta	8 oz.	10.6 oz. (301 g)	9.0 oz (256 g)	<b>362-034</b>	
1/4"	Blue	3.5 oz.	4.6 oz. (131 g)	3.3 oz ( 94 g)	<b>362-003</b>	<b>372-003</b>
	Orange	4.5 oz.	4.9 oz. (139 g)	3.5 oz ( 99 g)	<b>362-013</b>	<b>372-013</b>
	Teal	6 oz.	8.0 oz. (228 g)	5.6 oz (161 g)	<b>362-023</b>	
	Lime	8 oz.	10.0 oz. (284 g)	6.8 oz (195 g)	<b>362-033</b>	
5/16"	Yellow	2 oz.	2.6 oz. ( 74 g)	1.6 oz ( 47 g)	<b>362-000</b>	<b>372-000</b>
	Green	3.5 oz.	3.1 oz. ( 89 g)	1.8 oz ( 54 g)	<b>362-002</b>	<b>372-002</b>
	Tan	4.5 oz.	3.6 oz. (103 g)	2.2 oz ( 63 g)	<b>362-012</b>	<b>372-012</b>
	Mauve	6 oz.	6.5 oz. (187 g)	4.0 oz (114 g)	<b>362-022</b>	
3/8"	Pink	3.5 oz.	2.9 oz. ( 83 g)	1.5 oz ( 43 g)	<b>362-001</b>	<b>372-001</b>
	Lavender	4.5 oz.	3.2 oz. ( 93 g)	1.7 oz ( 50 g)	<b>362-011</b>	<b>372-011</b>

Master pouch of 2,000 elastics  
(20 patient packets of 100 elastics counted by weight)

Plain elastics are light amber or nearly colorless.

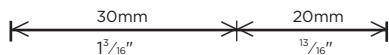
Col-R-Lastics' elastics feature a single color of your choice in each package. The color is a thin, permanently bonded casing that retains its appearance during treatment.



*Plain Elastics  
Amber in color*



*Col-R-Lastics  
One color in a package*








Superior quality, surgical latex tubing is selected for TPO elastics. Uniform wall thickness and accurate cutting technique provide reliable forces.

Tru-Force values are approximate and vary with distance and time. Values are determined after first prestretching the elastics to their elastic limits. This simulates the action of placing in the mouth and provides realistic intraoral force values. Historically, elastic force has been identified by stretching the elastic three times its diameter. This distance is very difficult to determine in the mouth and is highly impractical. Forces when elastics are stretched three times diameter have little clinical significance and are listed here for reference only. Latex elastics may cause allergic reactions on some people.

# Tru-Force® Latex Elastics Bulk Packs



**Bulk** packages contain 1,000 elastics. Combined with zip-top envelopes, bulk elastics are excellent for offices that prefer to custom-pack their own elastics.

Diameter	Packet Color Code	Prior Industry Values	TRU-FORCE VALUES		PLAIN LATEX Order No.	COL-R-LASTICS Order No.
			30mm	20mm		
 1/8"	White	2 oz.	3.7 oz. (105 g)	3.2 oz ( 92 g)	<b>360-005</b>	<b>370-005</b>
	Red	3.5 oz.	4.0 oz. (113 g)	3.6 oz (104 g)	<b>360-004</b>	<b>370-004</b>
 3/16"	Grey	4.5 oz.	4.5 oz. (129 g)	4.2 oz (120 g)	<b>360-014</b>	<b>370-014</b>
	Fiesta Pink	6 oz.	8.7 oz. (249 g)	7.2 oz (206 g)	<b>360-024</b>	
	Magenta	8 oz.	10.6 oz. (301 g)	9.0 oz (256 g)	<b>360-034</b>	
 1/4"	Blue	3.5 oz.	4.6 oz. (131 g)	3.3 oz ( 94 g)	<b>360-003</b>	<b>370-003</b>
	Orange	4.5 oz.	4.9 oz. (139 g)	3.5 oz ( 99 g)	<b>360-013</b>	<b>370-013</b>
	Teal	6 oz.	8.0 oz. (228 g)	5.6 oz (161 g)	<b>360-023</b>	
	Lime	8 oz.	10.0 oz. (284 g)	6.8 oz (195 g)	<b>360-033</b>	
 5/16"	Yellow	2 oz.	2.6 oz. ( 74 g)	1.6 oz ( 47 g)	<b>360-000</b>	<b>370-000</b>
	Green	3.5 oz.	3.1 oz. ( 89 g)	1.8 oz ( 54 g)	<b>360-002</b>	<b>370-002</b>
	Tan	4.5 oz.	3.6 oz. (103 g)	2.2 oz ( 63 g)	<b>360-012</b>	<b>370-012</b>
	Mauve	6 oz.	6.5 oz. (187 g)	4.0 oz (114 g)	<b>360-022</b>	
 3/8"	Pink	3.5 oz.	2.9 oz. ( 83 g)	1.5 oz ( 43 g)	<b>360-001</b>	<b>370-001</b>
	Lavender	4.5 oz.	3.2 oz. ( 93 g)	1.7 oz ( 50 g)	<b>360-011</b>	<b>370-011</b>

Packages of 1,000 counted by weight.

Plain elastics are light amber or nearly colorless.

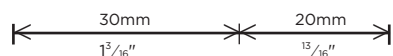
Col-R-Lastics® elastics feature a single color of your choice in each package. The color is a thin, permanently bonded casing that retains its appearance during treatment.



*Plain Elastics  
Amber in color*



*Col-R-Lastics  
One color in a package*

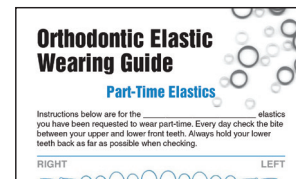


Tru-Force values are approximate and vary with distance and time. Values are determined after first prestretching the elastics to their elastic limits. This simulates the action of placing in the mouth and provides realistic intraoral force values. Historically, elastic force has been identified by stretching the elastic three times its diameter. This distance is very difficult to determine in the mouth and is highly impractical. Forces when elastics are stretched three times diameter have little clinical significance and are listed here for reference only. Latex elastics may cause allergic reactions on some people.

# Elastics Wearing Guide

An excellent aid for instructing patients on the proper wearing of both part-time and full-time elastics. Printed with artwork for drawing appropriate “prescription” for elastics.

**100-005** Elastics Wearing Guide, English  
Package of 25



# Elastics Dispenser

Designed for convenient storage and dispensing of TPO prepackaged elastics dispensing cartons. Holds six TPO elastics dispensing cartons.

**362-200** Elastics Dispenser



# Empty Elastic Bags

Empty zip-top bag is available in ten colors that coordinate with TPO elastic color codes. Printed with artwork for drawing appropriate “prescription” for elastics with a ball point pen.

- |                       |                         |
|-----------------------|-------------------------|
| <b>361-010</b> Yellow | <b>361-015</b> White    |
| <b>361-011</b> Pink   | <b>371-011</b> Lavender |
| <b>361-012</b> Green  | <b>371-012</b> Tan      |
| <b>361-013</b> Blue   | <b>371-013</b> Orange   |
| <b>361-014</b> Red    | <b>371-014</b> Grey     |
- Package of 100                      Package of 100



# Stickyring<sup>®</sup> Ligature Holder

Stickyring ligature holders keep elastomeric ligatures at hand for ease of use.

**100-470** Stickyring  
Package of 10



Patented

# Mini Stix Ligature Ties

Ten elastomeric ligatures on a central stick with a 3.0mm (.120") outer diameter. Made from highly resilient, colorfast and stain-resistant material. Virtually frictionless due to Metafasix<sup>®</sup> technology that provides a slippery surface when moistened.



Super Slick  
Patented  
Latex-Free

Color	Standard Mini Stix	Super Slick Mini Stix	Color	Standard Mini Stix	Super Slick Mini Stix
Pale Pink	<b>383-916</b>	<b>382-916</b>	Red	<b>383-928</b>	<b>382-928</b>
Lavender	<b>383-917</b>	<b>382-917</b>	Yellow	<b>383-929</b>	<b>382-929</b>
Mint	<b>383-918</b>	<b>382-918</b>	Orange	<b>383-930</b>	<b>382-930</b>
Tooth-Colored	<b>383-919</b>	<b>382-919</b>	Light Blue	<b>383-931</b>	<b>382-931</b>
Clear	<b>383-921</b>	<b>382-921</b>	White	<b>383-932</b>	<b>382-932</b>
Pink	<b>383-922</b>	<b>382-922</b>	Silver-Grey	<b>383-934</b>	<b>382-934</b>
Purple	<b>383-923</b>	<b>382-923</b>	Evergreen	<b>383-937</b>	<b>382-937</b>
Green	<b>383-924</b>	<b>382-924</b>	Navy Blue	<b>383-938</b>	<b>382-938</b>
Blue	<b>383-925</b>	<b>382-925</b>	Burgundy	<b>383-939</b>	<b>382-939</b>
Black	<b>383-927</b>	<b>382-927</b>	Teal	<b>383-940</b>	<b>382-940</b>

Package of 40 Stix

**383-941** Standard Mini Stix Assorted Colors Package  
Package of 100 Stix (5 of each color)

## Carousel Dispensers

Economical and easy to use. Thirteen compartments accommodate a variety of ligature colors. Each outside compartment holds approximately 350 ligatures. Center compartment can hold up to 2,500 ligatures. Contains an estimated 4,550 elastomeric ligatures by weight.

**361-098** With Standard Silver-Grey and Clear Ligatures

**361-099** With Standard Multi-Color Ligatures

Highlighted items below show ligatures available in multi-colored carousels.

**382-898** With Super Slick Silver-Grey and Clear Ligatures

**382-899** With Super Slick Multi-Color Ligatures

Highlighted items below show ligatures available in multi-colored carousels.



361-098  
382-898

Latex-Free

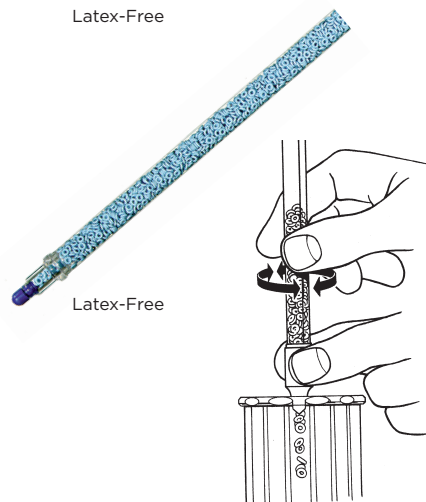
361-099  
382-899

Patented  
Latex-Free

## Carousel Refill Tubes

Color	Standard Ligatures	Super Slick Ligatures	Color	Standard Ligatures	Super Slick Ligatures
Pale Pink	<b>361-074</b>	<b>382-874</b>	Pink	<b>361-087</b>	<b>382-887</b>
Lavender	<b>361-075</b>	<b>382-875</b>	Purple	<b>361-088</b>	<b>382-888</b>
Tooth-Colored	<b>361-076</b>	<b>382-876</b>	Green	<b>361-089</b>	<b>382-889</b>
Mint	<b>361-077</b>	<b>382-877</b>	Blue	<b>361-090</b>	<b>382-890</b>
Evergreen	<b>361-079</b>	<b>382-879</b>	Black	<b>361-092</b>	<b>382-892</b>
Navy Blue	<b>361-080</b>	<b>382-880</b>	Red	<b>361-093</b>	<b>382-893</b>
Burgundy	<b>361-081</b>	<b>382-881</b>	Yellow	<b>361-094</b>	<b>382-894</b>
Teal	<b>361-082</b>	<b>382-882</b>	Orange	<b>361-095</b>	<b>382-895</b>
Silver-Grey	<b>361-083</b>	<b>382-883</b>	Light Blue	<b>361-096</b>	<b>382-896</b>
Clear	<b>361-086</b>	<b>382-886</b>	White	<b>361-097</b>	<b>382-897</b>

Each refill tube holds approximately 2,000 elastomeric ligatures by weight. Outer compartments of carousel can be refilled nearly six times from one refill tube.





# E-Links® Modules

For rotating individual teeth or closing intra-arch space. Stamped from highly resilient clear or grey material. Larger sizes (E5 through E10) have unique tab for ease of engagement on posterior hooks and to facilitate locking around the archwire.

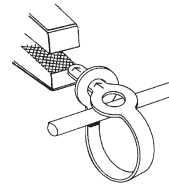


Latex-Free

	Actual Size	Clear	Grey
E1		<b>389-001</b>	<b>384-001</b>
E2		<b>389-002</b>	<b>384-002</b>
E3		<b>389-003</b>	<b>384-003</b>
E4		<b>389-004</b>	<b>384-004</b>
E5		<b>389-005</b>	<b>384-005</b>
E6		<b>389-006</b>	<b>384-006</b>
E7		<b>389-007</b>	<b>384-007</b>
E8		<b>389-008</b>	<b>384-008</b>
E9		<b>389-009</b>	<b>384-009</b>
E10		<b>389-010</b>	<b>384-010</b>

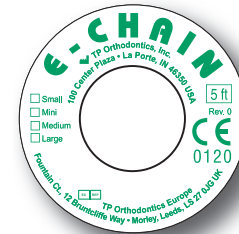
Package of 10

Add C after the part number to order packages of 100.



# E-Chain

Color E-Chain is stamped from bright, resilient thermoplastic material. Grey and clear are made from highly resilient thermoset material.



Latex-Free

	Small	Mini	Medium	Large
Grey	<b>383-050</b>	<b>390-150</b>	<b>384-050</b>	<b>385-050</b>
Clear	<b>388-050</b>	<b>390-172</b>	<b>389-050</b>	<b>390-050</b>
Blue	<b>388-051</b>	<b>390-151</b>	<b>389-051</b>	<b>390-051</b>
Red	<b>388-052</b>	<b>390-152</b>	<b>389-052</b>	<b>390-052</b>
Black	<b>388-053</b>	<b>390-153</b>	<b>389-053</b>	<b>390-053</b>
Aqua (Teal)	<b>388-054</b>	<b>390-154</b>	<b>389-054</b>	<b>390-054</b>
Purple	<b>388-055</b>	<b>390-155</b>	<b>389-055</b>	<b>390-055</b>
Tooth-Colored	<b>388-056</b>	<b>390-156</b>	<b>389-056</b>	<b>390-056</b>
Magenta	<b>388-057</b>	<b>390-157</b>	<b>389-057</b>	<b>390-057</b>
Pink	<b>388-058</b>	<b>390-158</b>	<b>389-058</b>	<b>390-058</b>
Orange	<b>388-059</b>	<b>390-159</b>	<b>389-059</b>	<b>390-059</b>
Green	<b>388-060</b>	<b>390-160</b>	<b>389-060</b>	<b>390-060</b>
Silver	<b>388-061</b>	<b>390-161</b>	<b>389-061</b>	<b>390-061</b>
Yellow	<b>388-062</b>	<b>390-162</b>	<b>389-062</b>	<b>390-062</b>
White	<b>388-063</b>	<b>390-163</b>	<b>389-063</b>	<b>390-063</b>
Ecru	<b>388-064</b>	<b>390-164</b>	<b>389-064</b>	<b>390-064</b>
Evergreen	<b>388-065</b>	<b>390-165</b>	<b>389-065</b>	<b>390-065</b>
Navy Blue	<b>388-066</b>	<b>390-166</b>	<b>389-066</b>	<b>390-066</b>
Gold	<b>388-067</b>	<b>390-167</b>	<b>389-067</b>	<b>390-067</b>
Light Blue	<b>388-068</b>	<b>390-168</b>	<b>389-068</b>	<b>390-068</b>
Pale Pink	<b>388-069</b>	<b>390-169</b>	<b>389-069</b>	<b>390-069</b>
Lavender	<b>388-070</b>	<b>390-170</b>	<b>389-070</b>	<b>390-070</b>
Mint Green	<b>388-071</b>	<b>390-171</b>	<b>389-071</b>	<b>390-071</b>

1.5 m (5 ft.) spool

# Elast-O Chain

Provides light, continuous traction force. Stamped from translucent resilient elastomeric material. Available in 0.74mm (.029") thickness.

**386-050** 1.5 m (5 ft.) spool



Latex-Free



# E-Kit

Contains 10 sizes of E-Links<sup>®</sup>, 50 pieces of each size, and three sizes of E-Chain (small, medium, mini) in 1.5 m (5 ft.) spools. Provides an excellent variety of the most frequently used elastomers for rotating teeth, closing interarch spaces or effecting individual tooth movement. Available with grey or clear elastomers. Opaque lid protects against light damage.

- 384-000** E-Kit with Grey Elastomers
- 389-000** E-Kit with Clear Elastomers

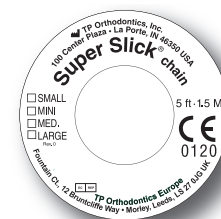


Latex-Free

# Super Slick<sup>®</sup> Chain (SSc)

	Small 	Mini 	Medium 	Large 
Grey	<b>388-249</b>	<b>390-273</b>	<b>389-249</b>	<b>390-249</b>
Clear	<b>388-250</b>	<b>390-272</b>	<b>389-250</b>	<b>390-250</b>

1.5 m (5 ft.) spool



Latex-Free

# Slip Free Zing String<sup>®</sup> Elastomeric Thread

- Aesthetic, clear material
- Resists attack by mouth fluids — remains active for months
- Special cohesive surface helps keep knots tied

Solid core Zing String can be used to close space where it is impossible or impractical for the patient to place regular elastics. Sometimes used in place of intramaxillary elastics on uncooperative patients. Excellent for rotating teeth.

- 100-247** Light, 0.46mm (.018") diameter
- 100-245** Light, 0.51mm (.020") diameter
- 100-246** Heavy, 0.64mm (.025") diameter  
Spool of 7.5 m (25 ft.)



Latex-Free

# Elastic Thread

Designed for physiologic tooth movement. Special weave of nylon fibers resists unraveling, protects the lively latex core and provides relatively firm ends to allow threading between teeth and through eyelets. Excellent for erupting surgically exposed impacted teeth.

- 100-225** Light - yellow spool
  - 100-226** Medium - red spool
  - 100-227** Heavy - blue spool
- Approximately 25.5 m (85 ft.) per spool



Latex-Free

# Slip Free Zing-O® String

Ideal for intraoral applications such as minor space closing, slight rotations and cuspid retractions. Odorless and non-irritating, Zing-O String is easy to work with and won't slip or untie like conventional threads.

	Clear	Grey
Light 0.64mm (.025") O.D.	<b>100-241</b>	<b>100-243</b>
Heavy 0.76mm (.030") O.D.	<b>100-242</b>	<b>100-244</b>

Spool of 7.5 m (25 ft.)



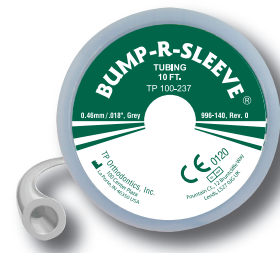
Latex-Free

# Bump-R-Sleeve® Tubing

Flexible, plastic tubing that can be slipped over the archwire to create a protective sleeve.

Larger diameter sleeve acts as a bumper to protect buccal mucosa from irritation in bicuspid areas. When cut to proper length, sleeves can function as horizontal stops to prevent over-closure of spaces anywhere in the arch.

I.D.	Spool	Grey	White
0.46mm (.018")	3.0 m (10 ft.)	<b>100-237</b>	<b>100-239</b>
0.79mm (.031")	1.5 m (5 ft.)	<b>100-238</b>	<b>100-240</b>



Latex-Free