

alpha[®]
wires
premium



ORTHOFOCUS

FOR ORTHODONTIC PROFESSIONALS

Alpha PREMIUM™ Wires

Alpha Premium offers a full range of archwires precisely engineered and manufactured in the U.S.A to the highest industry standards to complement our premium manufactured orthodontic appliances for optimum performance and exceptional treatment results.

We are determined to permanently bring the best products to the orthodontists. Therefore, we only select the products with the highest characteristics to help the treatment development in the best possible conditions for the satisfaction of the doctors and patients alike.

Wire is the key component in the movement of teeth, so choosing the right wire is critical for successful treatment.

When testing our new products we rely on the expertise of specialists to obtain:

- detailed information about the optimum archwires technical parameters
- comparative analysis with the competition's products
- superior new products' benefits and advantages compared to the existing and the competition product lines in order to use reliable and substantial scientific evidence to make a decision about including new products in our portfolio



Alpha Premium™ Wires give you the quality you need for predictable outcomes. Every time.

NEXT-GENERATION ARCH FORMS

The archwire is precisely shaped to achieve optimum arch shape. Maintaining original intercanine widths in orthodontic treatment is key to long-term stability. That's why the most important orthodontists spent years studying patients' natural arches to develop the best archwire shape - the next generation of arch forms is now introduced under the Alpha Premium brand.

Proper arch form selection is integral to predictable, patient-friendly treatment. Alpha Premium Wires are designed for superior anatomical fit and help maintain the patients' natural arch forms. We know you care about your patients. So choose the wire that will give them the smile they deserve!

PRECISION MANUFACTURING

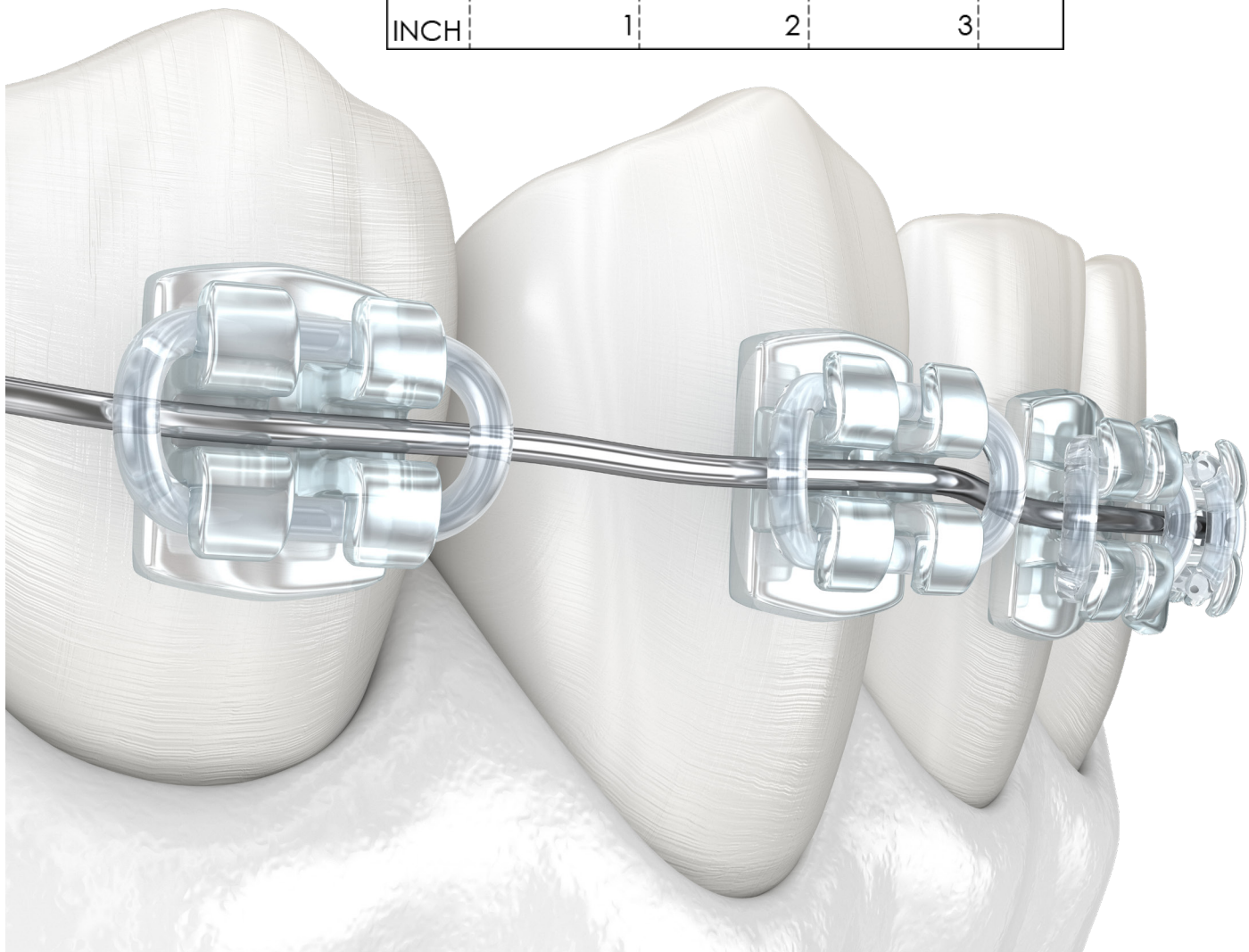
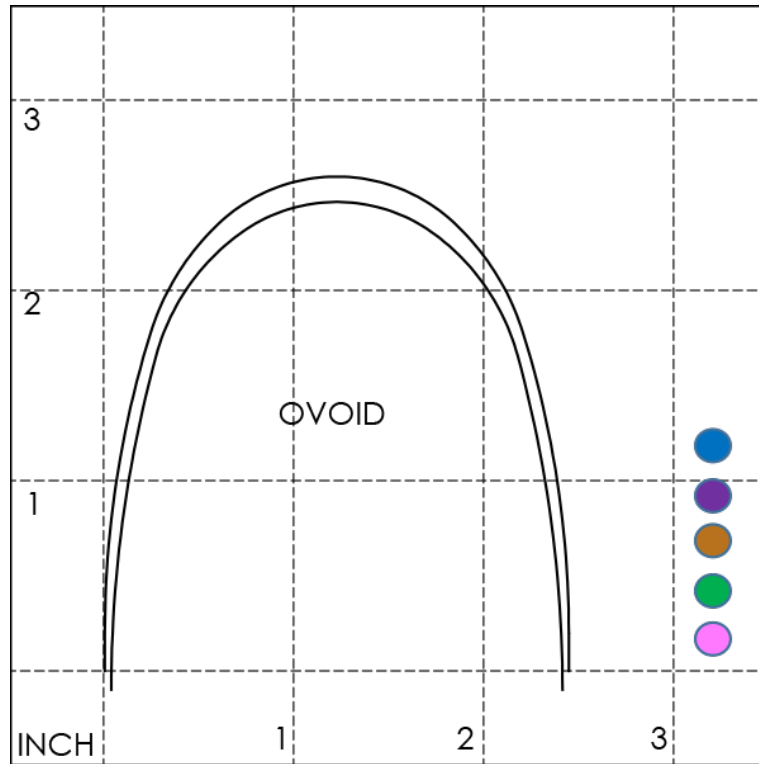
Alpha Premium wires are manufactured with highest precision and attention to detail. They are mechanically extra-polished for smoother movement, laser inspected for shape and size accuracy and each batch is tested for precise force values. The rigorous manufacturing and quality control steps ensure performance and predictability - every wire, every time.

PERFECT ARCHWIRE SHAPE

Perfect coordination between upper and lower archwires, providing optimum teeth intercuspatation. Due to the perfect finishing and detailing, fits all popular prescriptions and techniques.

Benefits

1. Optimum arch shape is achieved using our precisely shaped archwires
2. An almost perfect occlusion at the end of the treatment is possible due to the wonderful coordination of upper and lower archwires and, therefore, premature contacts and interferences are drastically reduced
3. Highest technical parameters, superior to the competition's similar products in terms of elasticity, rebound, plateau length (which allows full expression of the archwires' characteristics), type of material and finishing
4. Treatment duration is reduced due to the optimum transmission of forces and tooth movement in the shortest time possible
5. Our archwires fully comply with the recommendations made by internationally-renowned speakers, with impeccable professional credibility



Heat-Activated Nickel Titanium Archwires

- Manufactured and specifically designed for more consistent performance
- Our thermal nickel titanium arches are martensitic upon ligation to misaligned teeth. Mouth temperature then partially transforms them to the austenitic phase. The bearing amount of martensite with its low stiffness is responsible for the low biologically favorable unloading forces.
- Body Heat Activated - Fully activates at 35°C and becomes dead soft at room temperature
- Improved resiliency provides measurable resistance to permanent deformation
- Archwires exhibit true thermal performance
- Thermal NiTi is soft and pliable at room temperature allowing easier archwire insertion
- Easy ligation and reduced chair time
- Low biological force delivery makes Thermal NiTi an ideal wire for patients with severe crowding
- Lowest recovery force for consistent and gentle tooth movement
- Less patient discomfort.

Packaging: 10 pcs per box

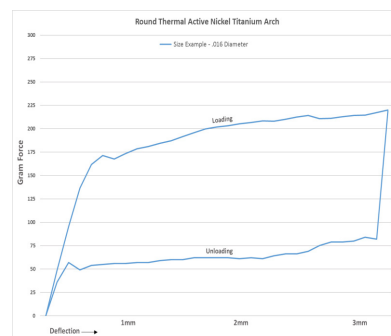
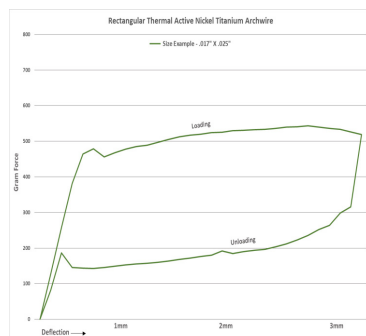
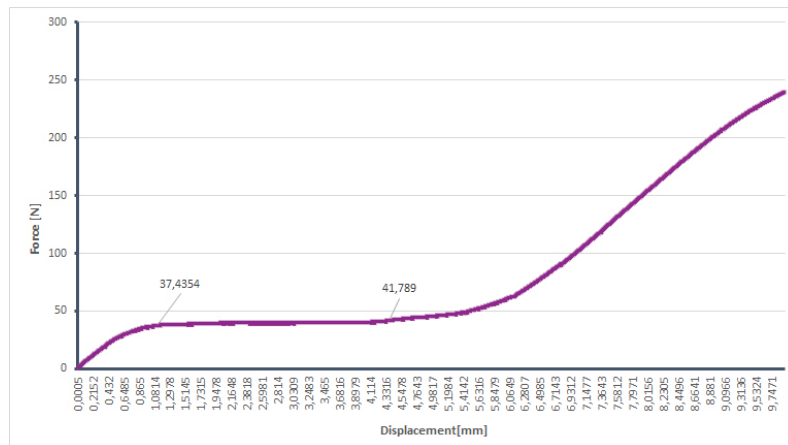
ROUND	Lower	Upper
.014	OFHAOLo14	OFHAOUo14
.016	OFHAOLo16	OFHAOUo16
.018	OFHAOLo18	OFHAOUo18

RECTANGULAR	Lower	Upper
.016 x .016	OFHAOL1616	OFHAOU1616
.016 x .022	OFHAOL1622	OFHAOU1622
.017 x .025	OFHAOL1725	OFHAOU1725
.019 x .025	OFHAOL1925	OFHAOU1925

Packaging: Single peel pouch

ROUND	Lower	Upper
.014	OFHAOLo14S	OFHAOUo14S
.016	OFHAOLo16S	OFHAOUo16S
.018	OFHAOLo18S	OFHAOUo18S

RECTANGULAR	Lower	Upper
.016 x .016	OFHAOL1616S	OFHAOU1616S
.016 x .022	OFHAOL1622S	OFHAOU1622S
.017 x .025	OFHAOL1725S	OFHAOU1725S
.019 x .025	OFHAOL1925S	OFHAOU1925S



Superelastic (SE) NiTi Archwires

- Super Elastic NiTi is provided in its austenitic (activated) phase at all times – it is extremely elastic for easy placement and gentle recovery
- All wires pass the Three Point Bend Test - tested for engagement and working forces to ensure that the highest quality and performance are maintained
- Superb rebound and memory characteristics ensure desired results without the need for adjustments or modifications
- Offers low consistent working forces with excellent spring back for gentle movement
- Full shape recovery with less distortion - allows for a high degree of deflection without causing deformation of the original archform characteristics
- Efficient performance achieves objectives without multiple archwire staging
- Highest quality medical grade carbon-free nickel titanium, provides superior memory with minimal fracturing or breakage
- High polished surface finish aids the friction reduction and allows brackets to slide easily along the wire, allowing for easier, faster and more efficient treatment
- Forms and corner radii precisely fabricated to ensure excellent performance and predictability when applying torque.

Packaging: 10 pcs per box

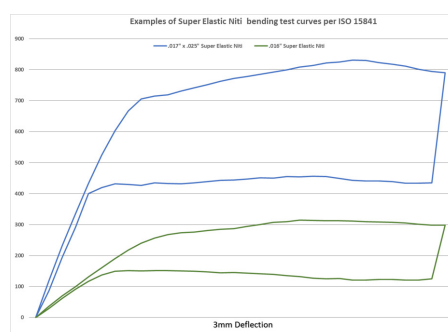
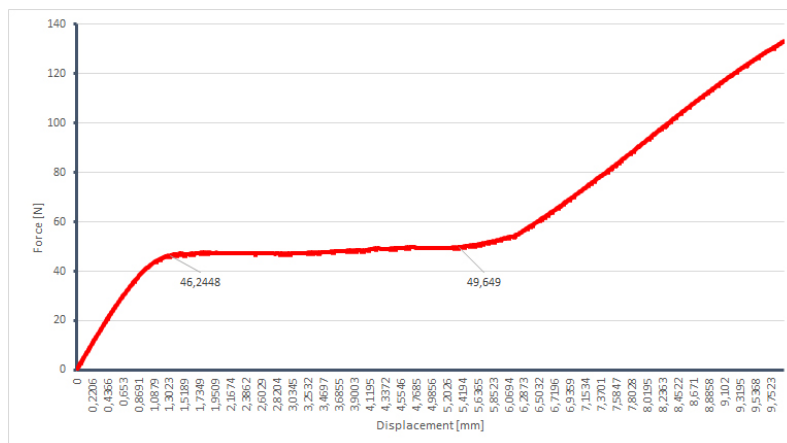
ROUND	Lower	Upper
.012	OFSEOLo12	OFSEOUo12
.014	OFSEOLo14	OFSEOUo14
.016	OFSEOLo16	OFSEOUo16
.018	OFSEOLo18	OFSEOUo18

Packaging: Single peel pouch

ROUND	Lower	Upper
.012	OFSEOLo12S	OFSEOUo12S
.014	OFSEOLo14S	OFSEOUo14S
.016	OFSEOLo16S	OFSEOUo16S
.018	OFSEOLo18S	OFSEOUo18S

RECTANGULAR	Lower	Upper
.016 x .016	OFSEOL1616	OFSEOU1616
.016 x .022	OFSEOL1622	OFSEOU1622
.017 x .025	OFSEOL1725	OFSEOU1725
.018 x .025	OFSEOL1825	OFSEOU1825
.019 x .025	OFSEOL1925	OFSEOU1925

RECTANGULAR	Lower	Upper
.016 x .016	OFSEOL1616S	OFSEOU1616S
.016 x .022	OFSEOL1622S	OFSEOU1622S
.017 x .025	OFSEOL1725S	OFSEOU1725S
.018 x .025	OFSEOL1825S	OFSEOU1825S
.019 x .025	OFSEOL1925S	OFSEOU1925S



Stainless Steel Archwires

- Manufactured by the world leader, Alpha Premium wires provide unparalleled consistency and rigorous inspection levels, meeting the most stringent customer demands
- Diamond drawn, super-high polished and smooth to minimize friction and wire failure - enhances sliding mechanics, & increases patient acceptance
- Superior ductility
- Small corner radii enabling precise torque generation for excellent performance and predictability
- Double spring temper 304V stainless steel w/ 330 - 376 psi tensile strength range, for maximum spring-back and minimal fracturing
- Permanent etch for ease of identification
- High force levels, ideal for finishing cases
- Precision formed for optimum force values and arch shape

Packaging: 10 pcs per box

ROUND	Lower	Upper
.016	OFSSOLo16	OFSSOUo16
.018	OFSSOLo18	OFSSOUo18

RECTANGULAR	Lower	Upper
.016 x .022	OFSSOL1622	OFSSOU1622
.017 x .025	OFSSOL1725	OFSSOU1725
.018 x .025	OFSSOL1825	OFSSOU1825
.019 x .025	OFSSOL1925	OFSSOU1925
.021 x .025	OFSSOL2125	OFSSOU2125

Packaging: Single peel pouch

ROUND	Lower	Upper
.016	OFSSOLo16S	OFSSOUo16S
.018	OFSSOLo18S	OFSSOUo18S

RECTANGULAR	Lower	Upper
.016 x .022	OFSSOL1622S	OFSSOU1622S
.017 x .025	OFSSOL1725S	OFSSOU1725S
.018 x .025	OFSSOL1825S	OFSSOU1825S
.019 x .025	OFSSOL1925S	OFSSOU1925S
.021 x .025	OFSSOL2125S	OFSSOU2125S

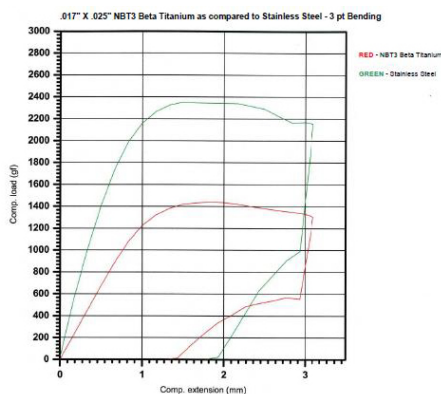
NBT₃ Beta Titanium Archwires

- NBT₃ Beta Titanium has been optimized to increase ductility and enable the most intricate bending without breakage. Our polished wires facilitate sliding mechanics reducing treatment time
- Ideal elasticity
- Provides moderate stiffness (60-65% less than stainless) yet can handle twice the bend/activation with no permanent deformation
- Formability comparable to Stainless Steel, but with a modulus of elasticity that is only 0.4 of Stainless Steel
- Optimal working range - provides twice the working range when compared to stainless steel
- Nickel-free - safe for use on nickel-sensitive patients
- Three Point Bend Test - tested for engagement and working forces to ensure that the highest quality and performance are maintained
- Easy ligation of torqued archwires
- Less patient discomfort
- NBT₃ Beta Titanium is the result of a collaboration between a leader in craniofacial orthopedics and the world leader archwire manufacturer, produced in the US

Packaging: Single peel pouch

ROUND	Lower	Upper
.016	OFBTSLo16	OFBTSUo16
.018	OFBTSLo18	OFBTSUo18

RECTANGULAR	Lower	Upper
.016 x .016	OFBTSL166	OFBTSU1616
.016 x .022	OFBTSL1622	OFBTSU1622
.017 x .025	OFBTSL1725	OFBTSU1725
.018 x .025	OFBTSL1825	OFBTSU1825
.019 x .025	OFBTSL1925	OFBTSU1925
.021 x .025	OFBTSL2125	OFBTSU2125



Esthetic Archwires

- Unique mix of reliable esthetic wires – Heat-activated NiTi, NiTi and stainless steel
- Durable coating for the best patient experience
- Safe and hygienic single autoclavable packaging
- Removable midline marking
- Optimum force levels not affected by the wire coating
- Precise working range
- Nickel-free - safe for use on nickel-sensitive patients
- Three Point Bend Test - tested for engagement and working forces to ensure that the highest quality and performance are maintained
- Higher patient satisfaction

With their attractive, natural looking and improved anatomical fit, Alpha Premium Esthetic wires deliver stunning smiles both during and after treatment.

- unique shape closely match your patients' natural anatomy
- work with the esthetic bracket solutions to create seamlessly beautiful smiles
- chip less than competitors' plastic and PVS coatings, and last multiple appointments

NiTi esthetic wires packaging: Single peel pouch

ROUND	Lower	Upper
.014	OFSEOL014TS	OFSEOU014TS
.016	OFSEOL016TS	OFSEOU016TS

RECTANGULAR	Lower	Upper
.016 x .022	OFSEOL1622TS	OFSEOU1622TS
.017 x .025	OFSEOL1725TS	OFSEOU1725TS
.019 x .025	OFSEOL1925TS	OFSEOU1925TS

Stainless Steel esthetic wires packaging: Single peel pouch

ROUND	Lower	Upper
.014	OFSEOL014TS	OFSEOU014TS
.016	OFSEOL016TS	OFSEOU016TS

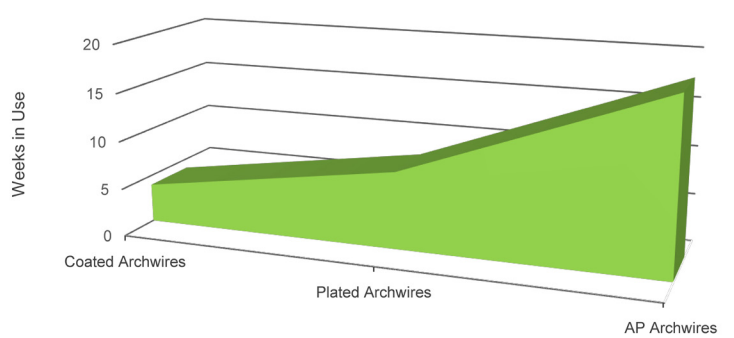
RECTANGULAR	Lower	Upper
.016 x .022	OFSEOL1622TS	OFSEOU1622TS
.017 x .025	OFSEOL1725TS	OFSEOU1725TS
.019 x .025	OFSEOL1925TS	OFSEOU1925TS

Heat-activated NiTi esthetic wires packaging: Single peel pouch

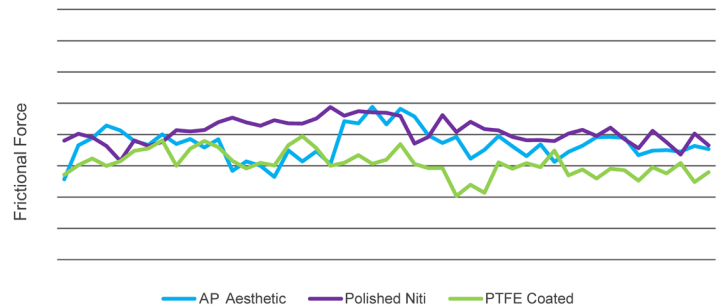
ROUND	Lower	Upper
.016	OFSEOL016TS	OFSEOU016TS

RECTANGULAR	Lower	Upper
.016 x .022	OFSEOL1622TS	OFSEOU1622TS
.017 x .025	OFSEOL1725TS	OFSEOU1725TS
.019 x .025	OFSEOL1925TS	OFSEOU1925TS

Expected Aesthetic Durability



Friction Properties



alpha[®]
wires
premium

ORTHOFOCUS

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Official distributor Ortho Focus SRL
www.dentalfocus.ro