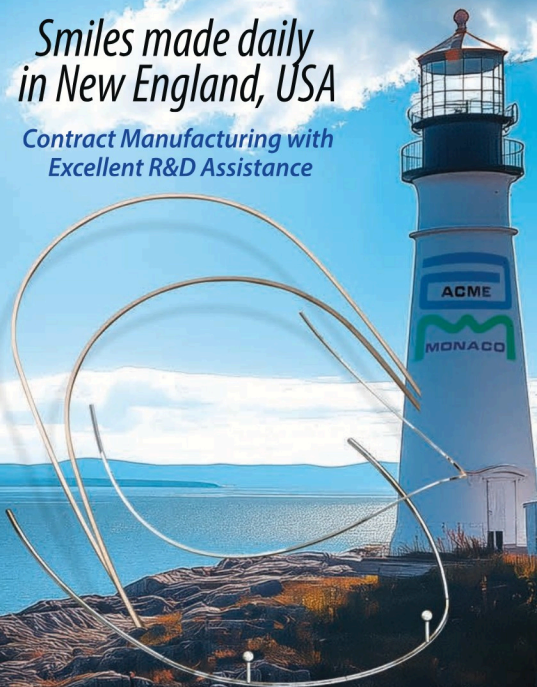


Orthodontic Archwires

*Smiles made daily
in New England, USA*

*Contract Manufacturing with
Excellent R&D Assistance*



established 1947

Cu BIOVis®

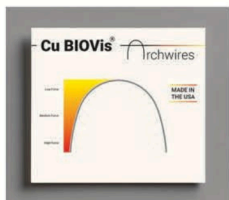
Made from high quality Copper NiTi utilizing proprietary in-house technology

More efficient tooth movement through matched forces according to anatomy and root physiology

Delivers optimal forces to the anterior, bicuspid, and posterior regions reducing patient trauma and treatment time

Addition of copper controls the hysteresis width

Wire Sizes: .014 x .025 .016 x .016 .016 x .022 .016 x .025
.017 x .025 .018 x .025 .019 x .025 .021 x .025



NiTi86™ and NiTi90™

NiTi86™ is comparable to Sentalloy®
(registered trademark of Dentsply GAC International)

NiTi90™ is comparable to Neo Sentalloy®
(registered trademark of Dentsply GAC International)

Soft and pliable at room temperature but provides near constant forces at body temperature

Lower unloading forces and easier to manipulate than standard Super Elastic NiTi

Chemically cleaned to a bright satin finish giving a more aesthetic appearance over standard NiTi

NiTi86™ is available in round cross sections in Ideal® and AccuForm® arch shapes

Wire Sizes for NiTi86™ .012, .014, .016, .018, .020

NiTi90™ is available in square and rectangular cross sections in Ideal® and AccuForm® arch shapes

Wire Sizes for NiTi90™

.016 x .016 .016 x .022 .017 x .025 .018 x .018
.018 x .025 .019 x .025 .020 x .020 .021 x .028



Orthodontic Archwires

Super Elastic NiTi

Consistent working forces with excellent shape memory

High polished surface finish to reduce friction allowing the brackets to slide easily along the wire

Ease of ligation reducing chair time

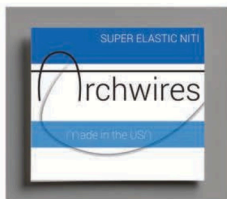
Tighter shape tolerances than other materials

Three-point bend tested to ensure the highest quality and performance are consistently maintained

Optimal wire for beginning and middle stages of treatment

Available in a variety of arch forms including reverse curve

Wire Sizes .012 .014 .016 .018 .020 .014 x .025
.016 x .016 .016 x .022 .016 x .025 .017 x .022 .017 x .025
.018 x .018 .018 x .022 .018 x .025 .019 x .025 .021 x .025



Thermal NiTi

Soft at room temperature for ease of engagement reducing chair time

Mouth temperature transforms the archwires from the martensitic phase to the austenitic phase activating the gentle working forces and shape memory of standard Super Elastic NiTi

Fully activates at 35°C

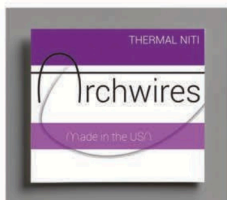
Low unloading forces for consistent tooth movement

Lower forces provide less patient discomfort

Optimal wire for beginning stages of treatment

Wire Sizes

.012 .014 .016 .018 .020 .014 x .025 .016 x .016
.016 x .022 .016 x .025 .017 x .025 .018 x .018 .018 x .025
.019 x .025 .021 x .025



Beta Titanium NBT3™

Nickel Free resulting in low potential for hypersensitivity

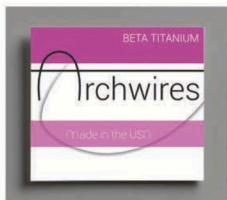
Less permanent deformation than Stainless Steel

Lowest friction Beta Titanium on the market

Increased ductility enables the most intricate bending without breakage

Optimal wire for final stages of treatment

Wire Sizes .016 .018 .016 x .016 .016 x .022 .017 x .025
.018 x .018 .018 x .025 .019 x .025 .021 x .025



Stainless Steel

Global leader since 1972 - Unparalleled consistency and rigorous inspection levels meeting the most stringent customer demands

Diamond drawn, highly polished to minimize friction and wire failure

Superior ductility for less breakage

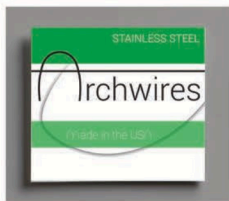
Small corner radii enabling precise torque generation

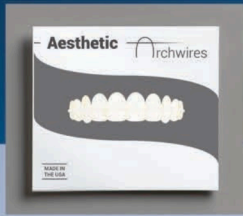
Gold tone and silver tone finish available

Standard or high tensile options available

Ideal for final stages of treatment

Wire Sizes .012 .014 .016 .018 .020 .014 x .025
.016 x .016 .016 x .022 .016 x .025 .017 x .022 .017 x .025
.018 x .018 .018 x .022 .018 x .025 .019 x .025 .021 x .025





Aesthetic

Dental White Surface (DWS) - highest durability in an aesthetic archwire, free of any plating or coatings eliminating unnecessary visits

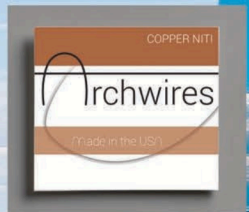
Micro Dental White (MDW) – labially coated safe and effective aesthetic coating

Micro Bright White – fully coated safe and effective aesthetic coating

Gold plating available

Wire properties are identical to non-aesthetic wires

Available in stainless steel, Super Elastic NiTi, and Thermal NiTi



Copper NiTi

A premium super elastic wire with thermo-elastic shape memory

Addition of copper controls the hysteresis width

Offered in 27° and 35° transformation temperatures to provide the right wire for your unique case

Higher transition temperature results in lower forces and improves the ease of ligation

Longer activation in optimal force range generating more consistent tooth movement

Independent testing demonstrates improved clinical performance as compared to nickel titanium

Offered with or without stop tubes

More consistent transition temperatures when compared to other NiTi materials

Optimal wire for beginning and middle stages of treatment

Wire Sizes: .013 .014 .016 .018 .014 x .025
 .016 x .016 .016 x .022 .016 x .025 .017 x .025
 .018 x .022 .018 x .025 .019 x .025 .021 x .025

Archwire Packaging Options

Archwires:

10 or 100 per zip-lock bag - 10, 25 or 50 per envelope
Envelopes can have custom artwork, be plain white, or
an Acme Monaco standard envelope design

Single pack in peel pouch - 10 peel pouches per box
Boxes and peel pouches can have custom artwork or
be plain white



*All orthodontic products are manufactured in
accordance with the United States Food and Drug
Administration Good Manufacturing Practices.*

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