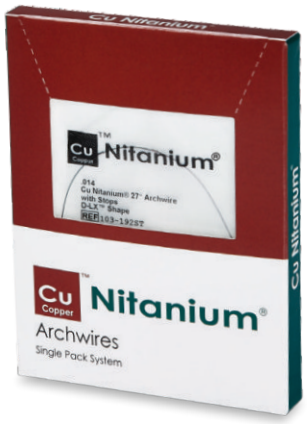
Cu™ Nitanium®
Copper Nitanium Archwires

Copper. A Natural Transition.



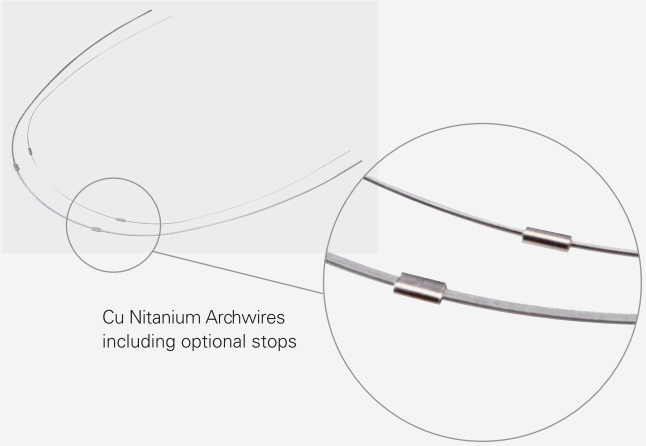
Cu Nitanium Archwires are truly comparable to *Ormco®'s Copper Ni-Ti™* Archwires* and refined using the most advanced technology for greater treatment predictability and control. The unique thermal properties of copper enhance the *Nitanium* Archwires for a precise control of forces, while maintaining excellent flexibility. Made of the highest quality materials, *Cu Nitanium* Archwires provide fast, natural, and reliable results for optimal patient outcomes.

The addition of copper:

- Enhances the thermal properties of *Nitanium,* providing superior flexibility for easier placement, in even the most severe cases, while maintaining precise control of forces
- Offers higher resistance to deformation, resulting in fewer wire changes
- Provides smooth and continuous loading and unloading forces for extended working time

Available in two archwire series options, including with optional stops – packaged pre-threaded on each wire to fit your treatment needs:

- ***Cu Nitanium* 27°C Archwires** – This wire series provides optimal nickel titanium force levels with the additional flexibility required for easy placement in crowded cases and comfortable tooth movement.
- ***Cu Nitanium* 35°C Archwires** – This wire series is activated at body temperature to facilitate easy engagement, consistent forces, and efficient tooth movement using transitional temperature changes back and forth between the "soft" martensite state and "firm" austenite state.



Cu Nitanium Archwires including optional stops

Cu Copper™ Nitanium Archwires	*Pro Form*™ Arch Shape	*Pro Form* Arch Shape	*Pro Form* Arch Shape with Dimple	*Oval Arch Form III*™ Shape	*Oval Arch Form III* Shape with Dimple	*D-LX*™ Shape Universal (Damon® Shape)	*D-LX*™ Shape Universal w/Stops (Damon Shape)	RCS with Straight Legs *D-LX*™ Shape Universal (Damon Shape)
	10/single-pack pouches	10/pack	10/pack	10/pack	10/pack	10/single-pack pouches	10/single-pack pouches	5/single-pack pouches
Cu Nitanium 27°C Archwires								
.013	—	—	—	—	—	103-191	103-191ST	—
.014 Upper	109-542	109-142	109-242	109-342	109-442	103-192	103-192ST	—
.014 Lower	109-543	109-143	109-243	109-343	109-443			
.016 Upper	109-544	109-144	109-244	109-344	109-444	103-193	103-193ST	—
.016 Lower	109-545	109-145	109-245	109-345	109-445			
.018 Upper	109-546	109-146	109-246	109-346	109-446	103-194	103-194ST	—
.018 Lower	109-547	109-147	109-247	109-347	109-447			
.014 x .025 Upper	109-548	109-148	109-248	109-348	109-448	103-195	103-195ST	—
.014 x .025 Lower	109-549	109-149	109-249	109-349	109-449			
.016 x .022 Upper	109-550	109-150	109-250	109-350	109-450	—	—	—
.016 x .022 Lower	109-551	109-151	109-251	109-351	109-451	—	—	—
.016 x .025 Upper	109-552	109-152	109-252	109-352	109-452	103-196	103-196ST	103-186
.016 x .025 Lower	109-553	109-153	109-253	109-353	109-453			
.017 x .025 Upper	109-554	109-154	—	109-354	—	103-197	103-197ST	—
.017 x .025 Lower	109-555	109-155	—	109-355	—			
.018 x .025	—	—	—	—	—	103-198	103-198ST	—
.019 x .025 Upper	109-558	109-158	—	109-358	—	103-199	103-199ST	—
.019 x .025 Lower	109-559	109-159	—	109-359	—			
Cu Nitanium 35°C Archwires								
.016 Upper	109-562	109-162	109-262	109-362	109-462	—	—	—
.016 Lower	109-563	109-163	109-263	109-363	109-463	—	—	—
.018 Upper	109-564	109-164	109-264	109-364	109-464	—	—	—
.018 Lower	109-565	109-165	109-265	109-365	109-465	—	—	—
.016 x .022 Upper	109-568	109-168	109-268	109-368	109-468	—	—	—
.016 x .022 Lower	109-569	109-169	109-269	109-369	109-469	—	—	—
.017 x .017 Upper	109-570	109-170	109-270	109-370	109-470	—	—	—
.017 x .017 Lower	109-571	109-171	109-271	109-371	109-471	—	—	—
.017 x .025 Upper	109-572	109-172	109-272	109-372	109-472	103-200	103-200ST	—
.017 x .025 Lower	109-573	109-173	109-273	109-373	109-473			
.018 x .025 Upper	109-574	109-174	109-274	109-374	109-474	—	—	—
.018 x .025 Lower	109-575	109-175	109-275	109-375	109-475	—	—	—
.019 x .025 Upper	109-576	109-176	109-276	109-376	109-476	103-201	103-201ST	—
.019 x .025 Lower	109-577	109-177	109-277	109-377	109-477			
.020 x .020 Upper	109-578	109-178	109-278	109-378	109-478	—	—	—
.020 x .020 Lower	109-579	109-179	109-279	109-379	109-479	—	—	—

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