

## FLI® Copper Nickel-Titanium Wire Overview

FLI Copper Nickel-Titanium is the newest addition to RMO®'s extensive line of archwires providing flexible treatment options with a wide selection of forces and wire sizes. The addition of copper to nickel-titanium alloy enhances the thermal properties of the wire while maintaining precise control of forces. Enhanced resistance to permanent deformation and smooth progression of transformation temperatures yielding an expected feel in hand makes FLI Copper Nickel-Titanium the ideal treatment solution for any office. Materials: Copper Nickel-Titanium, 49.1% Ni, 44.5% Ti, 6% Cu, Balance Cr (nominal composition). Transformation Temperatures: 27°C Highest Force Levels, 35°C Medium Force Levels, 40°C Lower Force Levels.

### FLI® Copper Nickel-Titanium 27°C Preformed Natural Arches

FLI® orthodontic SYSTEMS FLI® CuNiti <sup>27</sup>	Size		Package Contains	Maxillary	Mandibular
	Inch	(mm)			
<b>ROND</b>					
	.013	(0.330)	10	WCN7819	WCN7829
	.014	(0.356)	10	WCN7820	WCN7830
	.016	(0.406)	10	WCN7821	WCN7831
	.018	(0.457)	10	WCN7822	WCN7832
<b>RECTANGULAR</b>					
	.014 x .025	(0.356 x 0.635)	10	WCN7823	WCN7833
	.016 x .022	(0.406 x 0.559)	10	WCN7824	WCN7834
	.017 x .025	(0.432 x 0.635)	10	WCN7826	WCN7836
	.018 x .025	(0.457 x 0.635)	10	WCN7827	WCN7837
	.019 x .025	(0.483 x 0.635)	10	WCN7828	WCN7838

### FLI® Copper Nickel-Titanium 27°C Preformed Expanded Arches (Optima)

FLI® orthodontic SYSTEMS FLI® CuNiti <sup>27</sup>	Size		Package Contains	Maxillary	Mandibular
	Inch	(mm)			
<b>ROND</b>					
	.013	(0.330)	10	WCO7030	
	.014	(0.356)	10	WCO7031	
	.016	(0.406)	10	WCO7032	
	.018	(0.457)	10	WCO7033	
<b>RECTANGULAIRE</b>					
	.016 x .022	(0.406 x 0.559)	10	WCO7037	
	.014 x .025	(0.356 x 0.635)	10	WCO7034	
	.016 x .025	(0.406 x 0.635)	10	WCO7035	
	.017 x .025	(0.432 x 0.635)	10	WCO7038	
	.018 x .025	(0.457 x 0.635)	10	WCO7036	

### FLI® Copper Nickel-Titanium 35°C Preformed Natural Arches

FLI® orthodontic SYSTEMS FLI® CuNiti <sup>35</sup>	Size		Package Contains	Maxillary	Mandibular
	Inch	(mm)			
<b>ROND</b>					
	.016	(0.406)	10	WCN7840	WCN7850
	.018	(0.457)	10	WCN7841	WCN7851
<b>CARRÉ</b>					
	.020 x .020	(0.508 x 0.508)	10	WCN7843	WCN7853
<b>RECTANGULAIRE</b>					
	.016 x .022	(0.406 x 0.559)	10	WCN7844	WCN7854
	.017 x .025	(0.432 x 0.635)	10	WCN7845	WCN7855
	.018 x .025	(0.457 x 0.635)	10	WCN7846	WCN7856
	.019 x .025	(0.483 x 0.635)	10	WCN7847	WCN7857

### FLI® Copper Nickel-Titanium 40°C Preformed Natural Arches

FLI® orthodontic SYSTEMS FLI® CuNiti <sup>40</sup>	Size		Package Contains	Maxillary	Mandibular
	Inch	(mm)			
<b>RECTANGULAIRE</b>					
	.016 x .022	(0.406 x 0.559)	10	WCN7860	WCN7870
	.017 x .025	(0.432 x 0.635)	10	WCN7861	WCN7871
	.019 x .025	(0.483 x 0.635)	10	WCN7862	WCN7872
	.021 x .025	(0.533 x 0.635)	10	WCN7863	WCN7873

### FLI® Wire Orthonol® Nickel-Titanium Preformed Natural Aesthetic Coated Arch Wires

- Natural appearance that will last until your next wire change
- Maintains expected wire properties and performance characteristics of the wire
- Coating on labial surface only
- Nickel-titanium alloys are shape memory alloys
- Orthonol® is superelastic nickel-titanium in preformed natural arch shapes
- Provides an ideal continuous gentle force at a constant, uninterrupted force level for tooth movement
- Reduces chair time by extending time between visits

Inch	Size (mm)	Package Contains	Maxillary	Mandibular
<b>ROUND</b>				
.012	(0.305)	10	A07011-A	A07031-A
.014	(0.356)	10	A07000-A	A07020-A
.016	(0.406)	10	A07001-A	A07021-A
.018	(0.457)	10	A07002-A	A07022-A
<b>SQUARE</b>				
.016 x .016	(0.406 x 0.406)	10	A07004-A	A07024-A
.020 x .020	(0.508 x 0.508)	10	A07013-A	A07033-A
<b>RECTANGULAR</b>				
.016 x .022	(0.406 x 0.559)	10	A07005-A	A07025-A
.017 x .025	(0.432 x 0.635)	10	A07006-A	A07026-A
.018 x .025	(0.457 x 0.635)	10	A07008-A	A07028-A
.019 x .025	(0.483 x 0.635)	10	A07009-A	A07029-A



### FLI® Wire T.M.A. Preformed Natural Aesthetic Coated Arch Wires

- Molybdenum based alloy - nickel free

Inch	Size (mm)	Package Contains	Maxillary	Mandibular
<b>RECTANGULAR</b>				
.016 x .022	(0.406 x 0.559)	10	A07125-A	A07134-A
.017 x .025	(0.432 x 0.635)	10	A07126-A	A07135-A
.019 x .025	(0.483 x 0.635)	10	A07128-A	A07137-A



### Tooth Colored - Stainless Steel Preformed Euroform Arches

- Epoxy coating all around the wire.
- Base wire is .002 smaller than the final coated dimensions.

Inch	Size (mm)	Package Contains	Maxillary	Mandibular
<b>ROUND</b>				
.014	(0.356)	10	WSE1900A-1	WSE1920A-1
.016	(0.406)	10	WSE1901A-1	WSE1921A-1
.018	(0.457)	10	WSE1902A-1	WSE1922A-1
<b>RECTANGULAR</b>				
.016 x .022	(0.406 x 0.559)	10	WSE1903A-1	WSE1923A-1
.017 x .025	(0.432 x 0.635)	10	WSE1908A-1	WSE1928A-1
.018 x .025	(0.457 x 0.635)	10	WSE1907A-1	WSE1927A-1
.019 x .025	(0.483 x 0.635)	10	WSE1909A-1	WSE1929A-1
.021 x .025	(0.533 x 0.635)	10	WSE1905A-1	WSE1925A-1

