

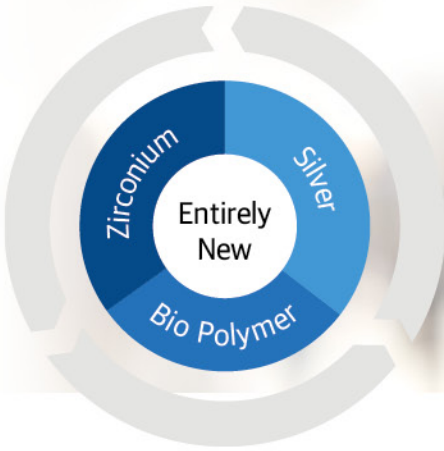


US FDA REG  
No: 3010206197

# ORTHOWHITE<sup>®</sup>

# Unprecedented supporting your everyday life style...

Bringing to the world most creative technology  
Becoming the centric of medical product field  
Being a good neighbor to people in need



## Enhanced Durability Again

Most durable aesthetic archwire, there is no other describing, it reveals literally during the treatment. Trusted durable cosmetic archwire no compromise the clinical performance for its treatment. Unequaled quality by any other aesthetic wires that you have heard and experienced before.

## The Best Sliding Mechanic

This is outstanding low levels of friction. The dimensions of the wire does not effected by coating. The innovative coating tech, DANY has that increased frictional resistance, like a noncoated archwire. Extraordinarily smooth and thin coating of DANY Coated Archwire allows orthodontists to give patients that advanced aesthetic treatment.

## A True Natural, Organic Appearance

Aesthetically attractive tooth color archwire for everyone in the world that not contained toxin. The only aesthetic archwire which use **Silver and Zirconium and Bio Polymer**. Research indicates that 25% coating of wire is lost within the first month in vivo. A True Natural Means, we are putting your safety first and offering you the healthy and confident smile both during and after treatment, your everyday life.

- Ultra-thin and durable
- Biocompatible and biostable
- Excellent friction sliding mechanic
- Resistant to corrosion and staining
- Discolored by food
- Natural color, not by toxin material



# DANY's Newest Bio Aesthetic Archwire

## Innovative Hybrid Orthowhite® Archwire

Innovative Hybrid Orthowhite® Archwire is a product used cutting edge technology in order to improve the wear resistance using the frontier technology.

### Inner Layer ⇒ Hybrid(Zr+Ag)

#### ■ Enhanced Durability

Cover it with a thin layer of Ag using the sputtering method.

#### ■ Increased the adhesion between the base material and the white coating

Cover it with a thin layer of Zr before making coating layer using the sputtering method.

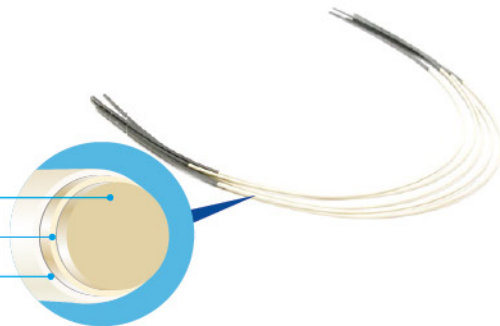
### Outer Layer ⇒ Biocompatible polymer

The multi-property, biocompatible polymer, has proved itself as having unsurpassed role in medical coatings.

It offers a level of protection to critical components that is unequalled by any other coating.

## The core section of DANY Coated Archwire

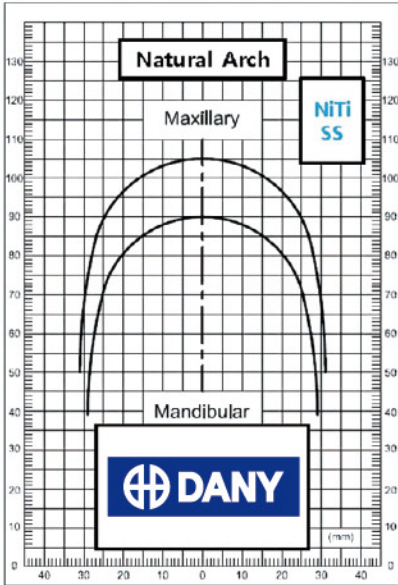
NiTi or SS Archwire  
Inner Layer : Hybrid (Zr + Ag)  
Outer Layer : Bio polymer coating  
resistant to corrosion and staining



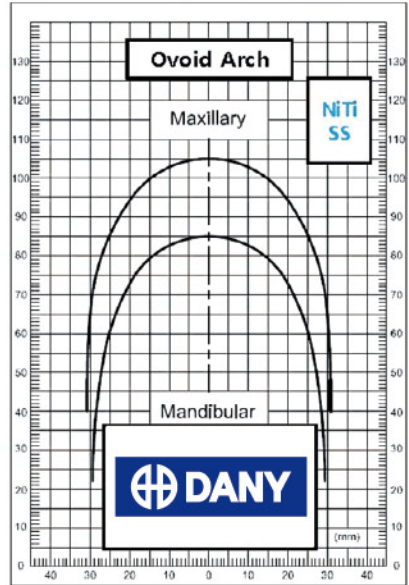
# The Power to Choice

## Premium ORTHOWHITE®

### Available Archform



Natural  
True Form



Ovoid  
European Form

### Available Type & Size

#### Nickel Titanium Coated

Coated NiTi Round		
Size	Upper	Lower
.012	DCW-NNSU-0012	DCW-NNSL-0012
.014	DCW-NNSU-0014	DCW-NNSL-0014
.016	DCW-NNSU-0016	DCW-NNSL-0016
.018	DCW-NNSU-0018	DCW-NNSL-0018
.020	DCW-NNSU-0020	DCW-NNSL-0020

Coated NiTi Rectangular		
Size	Upper	Lower
.016 x .016	DCW-NNSU-1616	DCW-NNSL-1616
.016 x .022	DCW-NNSU-1622	DCW-NNSL-1622
.017 x .025	DCW-NNSU-1725	DCW-NNSL-1725
.018 x .025	DCW-NNSU-1825	DCW-NNSL-1825
.019 x .025	DCW-NNSU-1925	DCW-NNSL-1925

#### Stainless Steel Coated

Coated SS Round		
Size	Upper	Lower
.012	DCW-SNU-0012	DCW-SNL-0012
.014	DCW-SNU-0014	DCW-SNL-0014
.016	DCW-SNU-0016	DCW-SNL-0016
.018	DCW-SNU-0018	DCW-SNL-0018
.020	DCW-SNU-0020	DCW-SNL-0020

Coated SS Rectangular		
Size	Upper	Lower
.016 x .016	DCW-SNU-1616	DCW-SNL-1616
.016 x .022	DCW-SNU-1622	DCW-SNL-1622
.017 x .025	DCW-SNU-1725	DCW-SNL-1725
.018 x .025	DCW-SNU-1825	DCW-SNL-1825
.019 x .025	DCW-SNU-1925	DCW-SNL-1925

# A Right Solution, Life style for Advanced Aesthetic treatment.

More than meets your eyes

## Silver



For thousands of years silver has been used a healing agent by civilizations throughout the world.

Its medical, preservative and restorative powers can be traced as far back as the ancient Greek and Roman Empires. Long before the development of modern pharmaceuticals, silver was employed as a germicide. The inner layer of DANY Coated Archwire. keeps the color of the wire lighter, whiter and a powerful germ fighter.

- Bio activity kills bacteria
- Treating external infection
- Whitening

## Zirconium



Zirconium shows the highest strength enough to be called an artificial diamond.

In addition, it is used as a material for artificial teeth by realizing a color similar to natural teeth due to its excellent esthetics. It is a biocompatible material with no allergic reaction. Further, It is not easily corroded due to its extremely low heat conduction.

- extremely strong, ductile, and malleable
- excellent esthetics
- biocompatible material

# DANY technology would be one of forerunners of versatile medical applications.

The best biocompatible material

## Bio Polymer



The multi-property, biocompatible polymer, has proved itself. as having unsurpassed role in medical coatings. It offers a level of protection to critical components that is unequaled by any other coating.

### ■ Barrier protection

Resistant to moisture, humidity, salt water, bodily fluids, gases, fumes, corrosion, chemicals, and other environmental conditions

### ■ FDA-approved; USP XXII, Class VI bio-compatibility rating

Biostable and biocompatible - safe for use within the human body

### ■ Lubricious

Low coefficient of friction makes Bio polymer ideal as a dry film lubricant for metals, silicone rubber and other sticky materials

### ■ Hydrophobic

Repels moisture (\*Decreasing mutans streptococci adhesion than even a non-coated archwire)  
Artificial heart coating, Guiding catheters, Cochlear, Ocular implant etc.

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