

TIMOLIUM[®] TITANIUM WIRE

ONLY FROM
TP ORTHODONTICS



TP Orthodontics, Inc.

TIMOLIUM® TITANIUM WIRE

- Reduced Friction
- High Resistance to Breakage
- Superior Resilience and Bendability
- Expanded Treatment Options
- Nickel-Free for Sensitive Patients
- Available in Single-Patient Convenience-Pak®

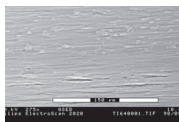


TIMOLIUM® TITANIUM W

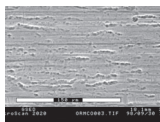
Reduced Friction

TiMolium (titanium vanadium) is an advanced technology titanium wire with a smooth surface that greatly reduces friction.

The surface of TiMolium is much smoother than traditional TMA (beta titanium) wire.



TiMolium wire



TMA (beta titanium) wire

Higher Resistance to Breakage

With its smooth surface, TiMolium wire has fewer surface defects to act as crack propagators. Its high yield strength withstands bending without breaking. Intricate loops and bends can be made easily to accommodate a variety of treatment options.

Orthodontists using TiMolium agree that it is ideal for torquing and tipping ceramic brackets, with higher yield and compressive strength than TMA.*

Accelerated Treatment Times

TiMolium can accelerate patient treatment times because its increased stiffness delivers greater force than TMA wire. At the same time, TiMolium remains half as stiff as stainless steel.

TiMolium is excellent for all phases of treatment. In the beginning, TiMolium is ideal for space closure, tooth alignment, leveling and bite opening. Early torque control is possible during intermediate treatment because of moderate forces.

Total control during detailing makes TiMolium the wire of choice during the final treatment phase.

TiMolium preformed archwires are available in two forms, Standard and Straight Arch. In addition, TiMolium archwires are nickel-free, making them ideal for sensitive patients.

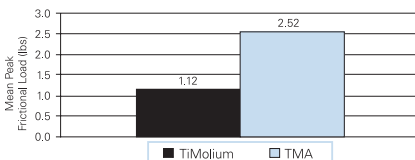
*Scanning electron microscopy study by Dr. Richard Schaler, Michigan State University.

**Evaluation of TiMolium® orthodontic alloy was completed by Vinod Krishnan and Prof. Thiruvananthapuram.

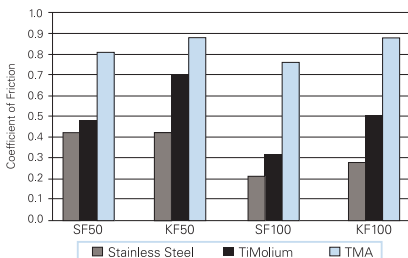
TiMolium The Next Generation Titanium Wire

TiMolium Outperforms in All Categories**

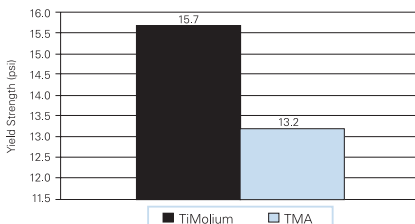
Peak Frictional Load



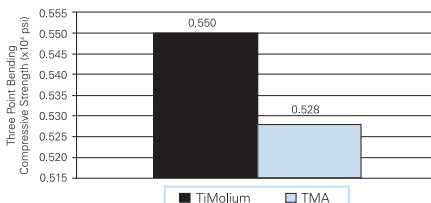
Static and Kinetic Frictional Characteristics



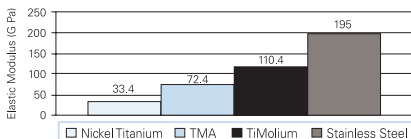
Yield Strength



Compressive Strength



Stiffness



At TP Orthodontics, we never stop looking for a better way to do things. Orthodontists around the world choose TPO brands because they provide innovative orthodontic solutions that no other manufacturer can match.

Our engineers understand the difference between what works in the lab and what really works in your practice. This means that not a single product is released into the market until we know it will perform to your highest expectations.

We believe in developing products that make your treatment more effective and your patients happier. Our dedicated customer service personnel are standing by to assist you. When you choose TPO as your orthodontic partner, you get only the best for your practice.

ONLY THE BEST FOR YOUR PRACTICE

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TiMolium is a registered trademark of TP Orthodontics, Inc. and manufactured under US Patent 6,132,209. Convenience-Pak is a registered trademark of TP Orthodontics, Inc. All other patents pending.



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