

OrthoShield™ Safe-T-Tie™

Ligatures

OrthoShield Safe-T-Tie Ligatures, because all patients are not perfect.

Ortho Organizers introduces the first and only antimicrobial product available in the field of orthodontics,

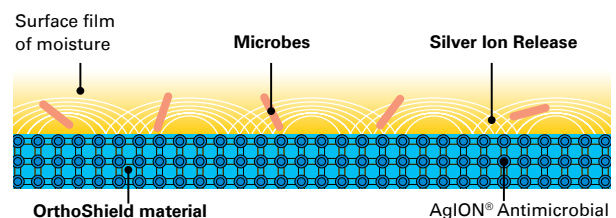
OrthoShield Safe-T-Tie Ligatures. Ortho Organizers has built a partnership with AgION Technologies Inc.,

resulting in the development of an innovative antimicrobial product that will help enhance your orthodontic outcomes.

Unmatched Protection by *OrthoShield* Antimicrobial Technology

OrthoShield Orthodontic Antimicrobial Technology is based on the safe and effective microbicidal characteristic of naturally occurring silver. With *OrthoShield Safe-T-Tie* Ligatures, the silver is embedded in the ligatures and released via a proprietary mechanism to the surface where it fights and prevents microbial growth¹ (Figure 1).

Figure 1. Unique Release Mechanism¹

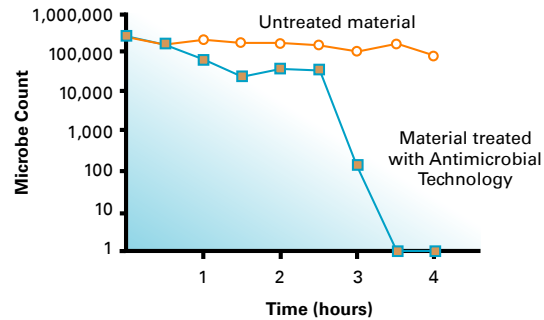


OrthoShield Orthodontic Antimicrobial Technology—Better treatment control through the protection against surface microbes.

The Technology is:

- Effective – studies have shown 99% reduction of certain microbes within 24 hours²(Figure 2)
- Durable – provides continuous protection as long as the material remains in contact with the offending microbes²
- Simple – does not require additional intervention by the practitioner or the patient after placement

Figure 2. Rapid Reduction of Surface Microbes ²



Perfect Solution to Imperfect Oral Hygiene

Despite dental professional guidance and available aids, oral hygiene remains a patient compliance challenge. The result of poor oral hygiene in orthodontics – the development of plaque and periodontal diseases – has been well established:

- Numerous studies demonstrate that orthodontic brackets and appliances impede the maintenance

of oral hygiene, contributing to the rise of microbial growth and plaque buildup^{3,4}

- If unchecked, poor oral hygiene may jeopardize orthodontic treatment outcomes⁵

OrthoShield Safe-T-Tie Ligatures provide continuous protection against microbes as long as they remain in contact with the material.*

*This product does not protect the patient against disease-causing bacteria.

Fighting Microbes Made Easy

OrthoShield Safe-T-Tie Ligatures combine all the benefits of regular *Safe-T-Tie* Ligatures with the addition of the *OrthoShield* Orthodontic Antimicrobial Technology.

OrthoShield Safe-T-Tie Ligatures have the following offering:

- 16 sticks per pack; 24 modules per stick
- Five most popular colors



Catalog Number	Color
400-401OS	Clear
400-403OS	Blue
400-405OS	Neon Pink
400-406OS	Black
400-417OS	Silver

References

1. Data on file. A Cleaner World. AgION Technologies, Inc. Wakefield, MA.
2. Data on file. Ortho Organizers, Inc. Carlsbad, CA.
3. Achter E. Oral hygiene during orthodontic treatment. The orthodontists. 2005. Available at: <http://diekiefierorthopaeden.at/en/zahnpflege.htm>. Accessed August 15, 2006.
4. Turkkahraman H, Sayin MO, Bozkurt FY, et al. Archwire ligation techniques, microbial colonization, and periodontal status in orthodontically treated patients. Angle Orthod. 2005; 75:231-236.
5. Feil P, Grauer J, Gadbury-Amyot C, et al. Intentional use of the Hawthorne Effect to improve oral hygiene compliance in orthodontic patients. J Dent Educ. 2002; 66:1129-1135.

Optimize treatment outcomes. Address microbial growth today.

For more information on our products and educational offerings, please contact us:

In the U.S.: 800.547.2000

Outside the U.S.: +1.760.448.8600

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To fax an order: 1.800.888.7244

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