

METAL-BITE®

Universal precision registration material



2014

REALITY
Four Star Award



2013

REALITY
Four Star Award



www.r-dental.com

Product information



The Editors' Choice:

METAL-BITE®

- "My new favorite bite registration!"
- "Easy to dispense."
- "Sets incredibly fast."
- "Not brittle!"
- "Easy to use."
- "Trims easily."
- "No taste at all!"

www.dentaladvisor.com



Bite to Perfection

METAL-BITE®

High quality product for universal and CAD/CAM precision registrations

Introduction

Early in 2000 the classical dark grey **METAL-BITE®** was introduced as the first universal fast setting and scannable automixing vinyl polysiloxane. It may be used for conventional intraoral registrations (static occlusion registrate in hip) and for chairside and labside powderfree scanning with universal CAD/CAM systems. **METAL-BITE®** is recommended by SIRONA for CEREC worldwide. Until now the universal **METAL-BITE®** is the standard in the dental CAD/CAM registration. The scan characteristics of **METAL-BITE®** products provide optimal data for totally faultless antagonist and "natural" design suggestions for restorations.

Over time the conventional indications have been extended: As a result of innovative applications **METAL-BITE®** is not only used for static but also for dynamic registrations and because of its radiopacity **METAL-BITE®** is used additionally for manufacturing surgical guides for implantology and for bite plates of face bow registrations. The registrations are rigid and easy to trim.

The indications of **METAL-BITE®** are as follows:

Indications

- universal registrations and static hip-registrations
- classical face-bow registrations (according to Prof. Dr. A. Gutowski, Germany)
- for CMD applications according to Dr. A. Könecke and PD Dr. M. O. Ahlers (literature on request).
- antagonist registrations and powderfree scanning with universal CAD/CAM systems
- dynamic registrations according to the FGP-Method (compare Dr. Günter Fritzsche, Efficient dynamic registration technique using METAL-BITE® presented with a CEREC 3D partial crown in: International Journal of Computerized Dentistry, IJCD, Volume 10, Number 1, 2007, QV)

METAL-BITE® surpasses the requirements of the standard DIN 13903 (Dentistry - Jaw relation recording material). The performance parameters are shown as follows:

Performance parameter

	Working time product - fast set	Setting time - time start mixing (Automix) until end of intra- oral hardening - fast set	Brightness ** ZrO ₂ = 100	Contrast ** ZrO ₂ = 100	Dimensional change after 24 h/%	Elastic recovery/%	Strain in compression/%	Shore-D hardness *
METAL-BITE®	20"	60"	118	66	< 0,1	-	~ 0,5	40

* 24 h-Value according to DIN 53505 (Testing of rubber - Shore-A and Shore-D hardness test), ** Relative values, internal

Benefits at a glance:

METAL-BITE® offers you

Benefits

- a universal and scannable precision registration material for chairside and labside indications
- a comfortable working time for a stress free registration
- an excellent thixotropic behaviour (excellent standing and flowable character)
- an excellent snap-set (this is a temporally steep, sigmoidal (S-form) phase history during the polymerisation phase)
- a precise detail reproduction
- an excellent brightness, contrast and great scanning detail without powder
- a high Shore-D hardness to prevent deformation
- an excellent cutting, contouring, easy trimming and easy withdrawal from the mouth.

METAL-BITE® should be stored below 25 °C (78 °F) and horizontally.

Order information:

Order information

Description :

R-SI-LINE® METAL-BITE™ (dark grey)

Contents:

2 cartridges à 50 ml + 12 mic

Order-No.:

MBK1074

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