

FANTASTIC® KwikkModel® KwikkNews® METAL-BITE® paper-app® P.U.M.A. soft® ReViCal® R-SI-LINE® tZeem® ZAKK® ZM-Bond®

METAL-BITE®

Universal precision registration material



www.r-dental.com

Product information

ARROW TRAXX® ArtOral® Cal de Luxe® DirectCem®



Bite to Perfection

METAL-BITE®

High quality product for universal precision registrations - *the reference*

Early in 2000 the classical dark grey METAL-BITE® was introduced as the first universal fast setting automixing vinyl polysiloxane for universal precision registrations.

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.

In addition METAL-BITE® is used for fixing the para-occlusal impression tray for the achsiographic and for CMD applications. METAL-BITE® may be used for conventional intraoral registrations (static occlusion registrate in hicp) and optionally for chairside and labside powderfree scanning with universal CAD/CAM systems. The registrations are rigid and easy to trim.

The indications of METAL-BITE® are as follows:

- universal registrations and static hicp-registrations,
- classical face-bow registrations according to Prof. (HR) Dr. A. Gutowski, Germany,
- for CMD applications according to Dr. C. Köneke, Germany,
- for fixing para-occlusal impression trays for the achsiographic according to to PD Dr. M. O. Ahlers, Germany,
- antagonist registrations and powderfree scanning with universal CAD/CAM systems and
- for manufacturing surgical guides for implantology.

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

	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"	65"	118	66	< 0,1	> 99,4	~ 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

- 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,
- a high Shore-D hardness to prevent deformation and
- an excellent cutting, contouring, easy trimming and easy withdrawal from the mouth.

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

Order information:

Description: R-SI-LINE® METAL-BITE® (dark grey) Content: 2 cartridges à 50 ml + 12 mic **REF** MBK1074

Literature: For detailed literature see >> www.r-dental.com.

* R-SI-LINE and METAL-BITE are registered trade marks of R-dental Dentalerzeugnisse GmbH.
Product changes and errors excepted.
© R-dental Dentalerzeugnisse GmbH 2022. All rights reserved. V 01/2022.

Further products, information and R-dental manufacturer catalogue (paper-app®):

R-dental Dentalerzeugnisse GmbH • Winterhuder Weg 88 • 22085 Hamburg • Germany
T +49 (0)40-30707073-0 • F +49 (0)40-30707073-73 • E info@r-dental.com • I www.r-dental.com