

Identium® Heavy



Here used in combination with Identium® Light in the double mix impression technique

Identium® – the best of two worlds.

Identium® Heavy is a high viscosity, addition-curing elastomeric impression material based on Vinylsiloxanether®

Identium® Heavy has been specially developed for the one-step impression technique and combines the best of two worlds: all the advantages of polyether materials coupled with those of A-silicones.

The highly elastic properties of Identium® Heavy ensure dimensionally accurate recovery and very easy removal. Identium® Heavy is also odorless and has a neutral taste.

Based on the entirely new material of Vinylsiloxanether®, Identium® Heavy provides the following benefits:

- Excellent flowability combined with exceptional hydrophilicity (lowest achievable contact angle of less than 10° after 1 second), ensuring optimal flow behavior in a moist environment.

Vinylsiloxanether® (VSXE) Precision impression material

SUGGESTED IMPRESSION TECHNIQUE

One-step impression technique (simultaneous technique)

INDICATIONS

Functional impressions

Implant impressions

Impressions for crowns/bridges/inlays/onlays and veneer preparations

Impressions about full or partial denture

■ highly recommended
■ recommended

Intro pack	362 ml + 50 ml	REF 28237
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1 x 300 ml base, 1 x 62 ml catalyst, 10 dynamic mixers, 1 cartridge body,
1 x 50 ml Light body, 6 mixing tips, 6 application tips, 10 ml adhesive

Refill pack	724 ml	REF 13776
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2 x 300 ml base, 2 x 62 ml catalyst

Economy pack	2172 ml	REF 13777
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6 x 300 ml base, 6 x 62 ml catalyst



Precision impression material (Vinylsiloxanether®)

The Identium® Heavy Advantages and Benefits

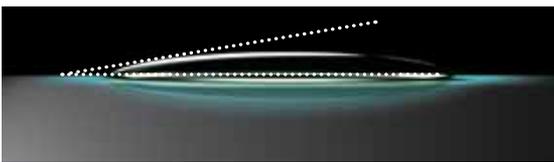
Product Advantages

- Excellent flowability
- Exceptional hydrophilicity
- Optimal elastomeric properties
- Balanced setting behavior
- Odorless and neutral taste
- Accurate model fabrication
- Easy handling

Benefits to the Practitioner

- Material flows into the narrowest crevices with high positional stability, constantly guaranteed throughout the entire working time.
- Optimal flow behavior in a moist environment, lowest achievable contact angle (less than 10° after 1 second!).
- Dimensionally accurate recovery and easy removal from the patient's mouth.
- Long working time with short intraoral setting time (double-snap effect).
- More comfortable for the patient: no gag reflex, no erratic movement.
- Minimum risk of fracture when removing the impression.
- In the practical Plug & Press® system; compatible with commercially available disinfectants (no swelling), can be poured immediately.

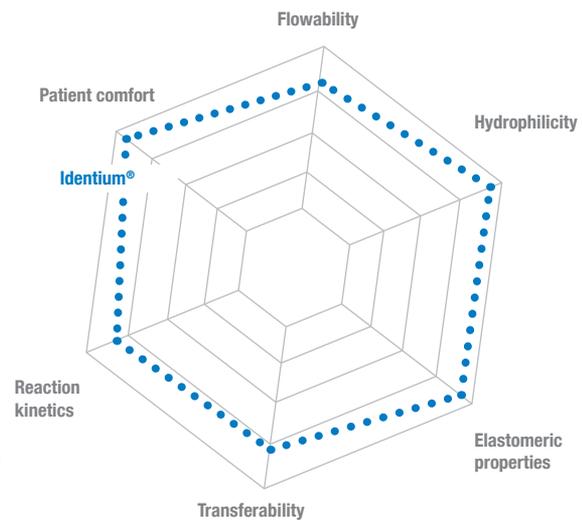
Contact angle measurement



Identium® after 1 sec.: contact angle < 10°

Identium® Heavy is a high viscosity impression material with high final hardness available in foil bags. It is particularly suitable for the double mix technique (in combination with low viscosity Identium® Light), for taking impressions for the fabrication of crowns/bridges, inlays/onlays and veneers, for functional and implant impressions as well as impressions for removable restorations.

Identium®. A perfectly balanced impression material.



Technical Data

Product name	Mixing ratio	Working time at 23° C/ 74° F ≤	Working time at 35° C/ 95° F ≤	Intraoral setting time at 35° C/ 95° F ≥	Total setting time* ≥	Hardness (approx.) Shore	Linear dimensional change (max.) %	Elastic Recovery test (approx.) %	Strain in compression (approx.) %
Identium® Heavy	5:1	2 minutes	80 seconds	3 minutes 30 seconds	5 minutes 30 seconds	A 60	-0.20	99.0	2.8

Product name	ISO 4823	Consistency (approx.) mm	Mixing ratio and total content volume per unit	Mixing technique	Mixing element	Color	Odor/taste
Identium® Heavy	Type 1, heavy-bodied	32	5:1, 362 ml foil bag	Plug & Press® dispenser or other automatic mixing and dispensing unit	Dynamic mixer	Light blue	Neutral

* Total setting time (removal from the mouth) from the start of mixing.