

Heraeus Kulzer

Mitsui Chemicals Group

Flexitime®



Flexitime® VPS
Impression Solutions
The Perfect Fit.



Giving a hand to oral health.

Flexitime®

VPS Impression Solutions



Proven Performance

Flexitime combines over ten years of market experience with the outstanding performance and features of a precision impression material. The outcome is an innovative A-silicone which guarantees precision as well as customized working procedures. Flexitime adapts to your needs at all times. For the flexibility you need—and precision you can depend on.

- More than 10 years of research and development
- Full range of indications
- 6 varying viscosities
- THE DENTAL ADVISOR and Reality® validated

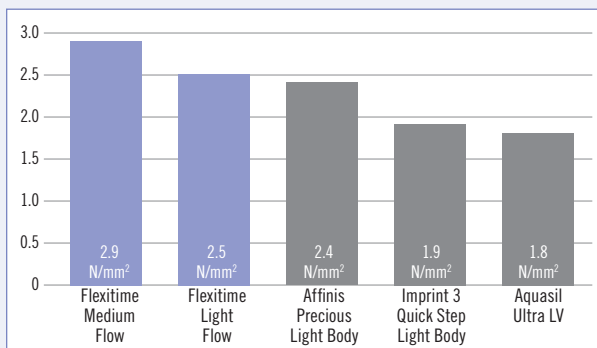


There's a system behind precision in prosthetics.

Our precision impression material has been developed for the demanding requirements of modern prosthetics. Flexitime's balance of clinically critical properties such as dimensional accuracy, detail reproduction and hydrophilicity, allows for the highest precision of fit.

Exceptional toughness prevents tearing AND distortion upon removal

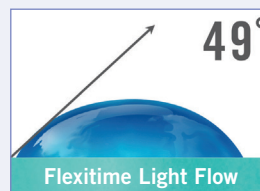
Toughness: This graph reflects how the Flexitime material features superior toughness and has the best ability to resist tears



Source: Research & Development, Heraeus Kulzer GmbH. Data on file.

Superior hydrophilicity on a polyether level for excellent detail reproduction

Flexitime offers an extremely low contact angle on a polyether level to capture detail in moist environments.



Contact angle 3-seconds after application on unset impression material.



Source: Research & Development, Heraeus Kulzer GmbH. Data on file.

Flexitime® – The flexibility you require meets the precision you can trust.

Flexitime®

Flexitime® Precise Detail for Accurate Marginal Fit.

The high quality VPS impression solution offering reliable impressions even in adverse conditions.

- Intraoral set time is **2:30 minutes**; Working time: **60 seconds to 2:30 mins**;
Total working time: **3:30 to 5 minutes**
- Creating excellent detail reproduction with superior hydrophilicity on a polyether level
- Resist tearing and distortion upon removal with Flexitime's exceptional toughness
- Read impressions easily with high-contrast colors

"I have been an Aquasil user for years and this is the first material that I have tried that outperforms that product. The margin detail is amazing and I am so glad to have been introduced to Flexitime. If you are not using it, you have to try it. This is far superior to anything I have ever used."



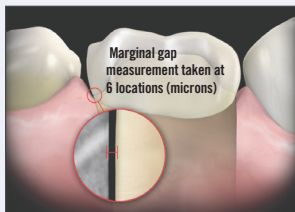
Philip Kemp, DDS



Flexitime provides a better marginal fit than Aquasil Ultra

In a study conducted by Reality, restorations fabricated from Flexitime impressions had smaller marginal gaps than Aquasil Ultra.

Impressions were taken on prepared teeth coated with saliva.



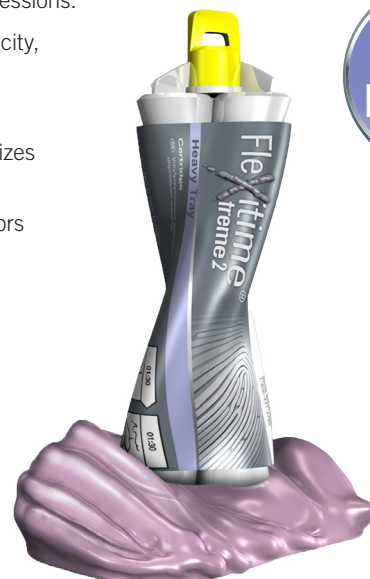
Source: Reality, October 2009. Sponsored by Heraeus. Data on file.

Flexitime® Xtreme 2

The Original Single Unit Impression Solution—with a Berry Twist™

Achieve efficiency with a **30- to 90-second** working time, perfectly suited for your more common single unit impressions.

- Enhanced physical properties for increased hydrophilicity, improved tear strength and greater toughness
- Impress your patients with a Wild Berry aroma
- Minimize single unit remakes with the VPS that minimizes deformations and voids
- Distinguish between viscosities with high-contrast colors



Flexitime® Fast & Scan

Creating digital impressions with traditional impression material.



Flexitime® Fast & Scan

Providing a Way to Digitize Your Traditional Impression Material.

The new Flexitime Fast & Scan material supports CAD/CAM manufacturing of prosthetic restorations and offers optimal workflow integration for all your impression needs and their digitalization.



- Flexible working time of **0:30 to 1:30 minutes**, short intraoral setting time of only **2:00 minutes**
- Benefit of modern CAD/CAM restorations
 - Without having to change your traditional impression technique
 - Without having to invest in new hardware
 - Higher precision thanks to direct scanning (powder-free) of impressions
 - Process optimization by reducing steps, i.e. no pouring of a model before scanning
- No limits with regards to preparation of subgingival margins
- Increased efficiency in the handling process with the laboratory
 - Construction/manufacturing of coping starts based on the digitalized data, parallel to the manufacturing of the model
- 4 different viscosities in 3 different delivery forms



Validated by Dental Wings iSeries, Medit Identica Blue scanner and the 3Shape D700 and above scanners.



Flexitime®

Precision emerges from science and experience.

"My local lab began scanning my Flexitime Fast & Scan impressions with the Dental Wings impression scanner last year. We have been doing mostly full contour crowns with the technology and I have been thrilled with the precise fit and adaptation. My crown seating times are significantly shorter and remakes have been virtually eliminated. Additionally, my lab gets the crowns back to us within five days, which limits the time our patients are in temporaries. I could not imagine going back to the old method."



Dr. Allan Coopersmith, BSc, DDS, FAGD, FICD

Flexitime® Monophase ProScan

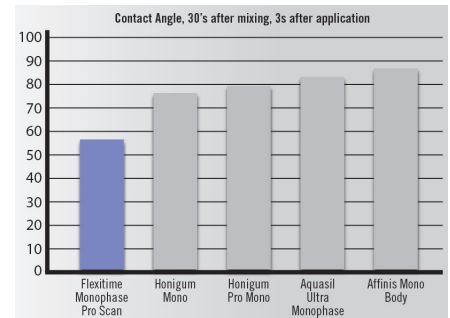
Precision Detail Especially for Implant Impressions.

Offering outstanding precision due to the balance of physical properties at the highest scientific level.

- Working Time: **2:30 minutes**; Total Set Time: **5:00 minutes**
- Shore A Hardness 65— The higher Shore A hardness results in optimal fit of the abutment due to the secure fixation of the implant posts, thereby producing accurate reproduction of details.
- The optimized hydrophilicity and flowability of Flexitime Monophase ProScan ensure optimal flow in the sulcus and to the implant posts and producing accurate reproduction of details.

*Flexitime Monophase is also still available.

Flexitime®



"Flexitime saves time and money. It has an ideal working time which results in clear and crisp impressions without pulls or voids. Since using Flexitime, I have had fewer retakes, which saves both time and money."



Ryan Schwendiman, DMD, MBA, FAGD



Flexitime® Bite

The Foundation for Accurate Results.

Flexitime Bite delivers exceptional accuracy with an extremely high shore D hardness of 40 and superior powder free scannability and optimization.

- Trims easily without crumbling and offers a whipped cream-like consistency
- Short **30 second** setting time



The Dynamix® speed system

Precision at the push of a button.



Flexitime® Dynamix® speed

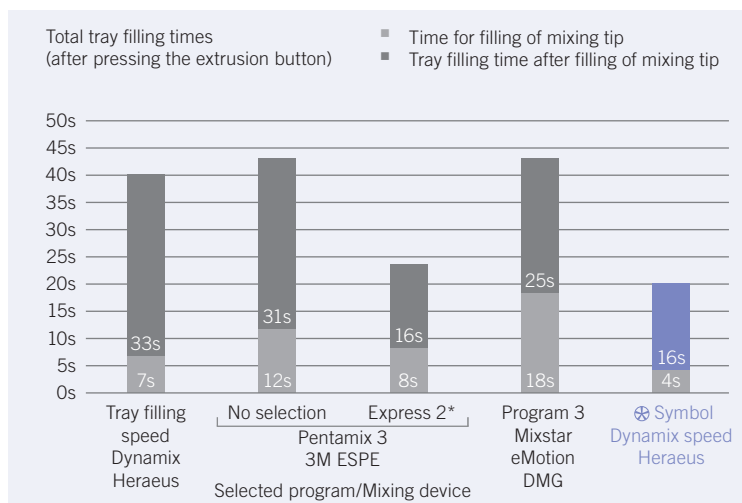
The Perfect Mix. Every Time.

When it comes to high-speed mixing, time-saving and simultaneously obtaining a consistent, void-free mixture, there is only one choice: Convenient cartridges and the functional **Dynamix speed** mixer are perfectly matched in this well thought-out system featuring all the advantages of automatic mixing for impression materials.

- Intraoral set time is **2:30 minutes**; Working time: **60 seconds to 2:30 minutes**; Total working time: **3:30 to 5 minutes**
- Save time and money with fast automated mixing and precise dosage of material
- Select between tray and syringe filling
- Choose from three velocities—high speed, standard speed, and syringe
- Ensure precision and accuracy with void-free mixing
- Choose from heavy tray, monophasic, and putty automix material



Twice as fast as before, even with putty viscosities



*Pentamix 3 offers a fast extrusion speed exclusively for 3M ESPE products, therefore tested with Express 2.

Tray filling with Flexitime Dynamix Putty, average tray size (40 ml). Source: Heraeus Research & Development, data on file.



Flexitime® – Working times, product indications and recommendations



Flexible Working Time

Impression	Product	Flexible Working Time	Setting Time
Multiple-Unit Impression	Flexitime/Flexitime Dynamix	1:00–2:30	2:30
	Flexitime Fast & Scan	0:30–1:30	2:00
Single-Unit Impression	Flexitime Xtreme 2	0:30–1:30	1:30
	Flexitime Fast & Scan	0:30–1:30	2:00

Product Indications

Indication	Impression Technique	Viscosity of Tray Material	Product Recommendation
Crown & Bridge Impressions	Two-Step (Two materials, two steps)	Highly viscous Putty - kneadable, highly viscous	Heavy Tray + Light Flow/Correct Flow Heavy Tray/Putty + Light Flow/Medium Flow Putty + Light Flow Fast & Scan Putty, (Heavy Tray + Light Flow/ Medium Flow)
	Double-Mix (Two materials, one step)	Highly viscous Putty - kneadable, highly viscous	Heavy Tray + Medium Flow/Correct Flow Heavy Tray/Putty + Light Flow/Medium Flow Fast & Scan (Putty, Heavy Tray + Light Flow/ Medium Flow)
	Putty Push/ Sandwich/Invisalign (Two materials, one step)	Kneadable, highly viscous	Putty + Medium Flow/Correct Flow Fast & Scan (Heavy Tray/Putty + Light/ Medium Flow)
	Monophase (One material, one step)	Medium viscous	Monophase Monophase ProScan
Functional (Full Denture) Impressions	Monophase (One material, one step)	Medium viscous	Monophase Monophase ProScan
Inlay/Onlay Impressions	Double-Mix (Two materials, one step)	Highly viscous	Heavy Tray + Medium Flow/Correct Flow Fast & Scan (Heavy Tray/Putty + Light/ Medium Flow)
	Putty Push/ Sandwich/Invisalign (Two materials, one step)	Kneadable, highly viscous	Putty + Medium Flow/Correct Flow Fast & Scan (Heavy Tray/Putty + Light/ Medium Flow)
	Monophase (One material, one step)	Medium viscous	Monophase Monophase ProScan
Implant/Transfer (Partial Denture) Impressions	Double-Mix (Two materials, one step)	Highly viscous	Heavy Tray + Medium Flow/Correct Flow Fast & Scan (Heavy Tray/Putty + Light/ Medium Flow)
	Monophase (One material, one step)	Medium viscous	Monophase Monophase ProScan

Flexitime®—VPS Impression Material	
Flexitime Heavy Tray Trial Kit with Light and Medium Flow (2 x 50 mL Cartridges Heavy Tray, 1 x 50 mL Cartridge Light Flow, 1 x 50 mL Cartridge Medium Flow, 18 Mixing Tips yellow, 12 Intraoral Tips, Tray Adhesive)	66041063
Flexitime Easy Putty Trial Kit with Light and Medium Flow (1 x 600 mL Easy Putty [each 300 mL Base & Cat], 1 x 50 mL Cartridge Light Flow, 1 x 50 mL Cartridge Medium Flow, 12 Mixing Tips, 12 Intraoral Tips, Tray Adhesive)	66041064
Flexitime Fast & Scan Easy Putty Trial Kit with Light and Medium Flow (1 x 600 mL Fast & Scan Easy Putty [each 300 mL Base & Cat], 1 x 50 mL Fast & Scan Light Flow, 1 x 50 mL Fast & Scan Medium Flow, 12 Mixing Tips, 12 Intraoral Tips)	66045791
Easy Putty (Single x 600 mL)	50034802
Easy Putty Bulk (4 x 600 mL)	66002103
Flexitime Fast & Scan Easy Putty Trial Refill (1 x 600 mL)	66045754
Flexitime Fast & Scan Heavy Tray (2x50mL Cartridges with Mixing Tips)	66060792
Heavy Tray (2 x 50 mL Cartridges with Mixing Tips)	50034804
Heavy Tray Bulk (6 x 2 x 50 mL Cartridges with Mixing Tips)	66002193
Correct Flow (2 x 50 mL Cartridges with Mixing Tips)	50034806
Correct Flow Bulk (6 x 2 x 50 mL Cartridges with Mixing Tips)	66002186
Monophase (2 x 50 mL Cartridges with Mixing Tips)	50034811
Monophase Bulk (6 x 2 x 50 mL Cartridges with Mixing Tips)	66002200
Medium Flow (2 x 50 mL Cartridges with Mixing Tips)	40005041
Medium Flow Bulk (6 x 2 x 50 mL Cartridges with Mixing Tips)	66041062
Fast & Scan Medium Flow (2 x 50 mL Cartridges with Mixing Tips)	66044881
Light Flow (2 x 50 mL Cartridges with Mixing Tips)	40005040
Light Flow Bulk (6 x 2 x 50 mL Cartridges with Mixing Tips)	66041061
Fast & Scan Light Flow (2 x 50 mL Cartridges with Mixing Tips)	66044871
ACCESSORIES	
Mix Tips 4.2mm Yellow (48 Count)	66001988
Mix Tips 6.5mm Green (48 Count)	66001989
Intraoral Tips, Yellow (96 Count Small)	66000782
Intraoral Tips, Clear (96 Count)	65687514
Universal Silicone Adhesive (10 mL)	65607758
Dispensing Gun 2 (2:1/1:1)	66001970

Flexitime® Dynamix® speed	
Flexitime Dynamix speed Automatic Mixing Machine	66045802
Flexitime Dynamix Putty Trial Kit (1 x 380 mL Dynamix Putty, 10 Dynamix Mixing Tips, 1 Dynamix Fixation Ring, 1 x 50 mL Cartridge Light Flow, 1 x 50 mL Cartridge Medium Flow, 6 Mixing Tips yellow, 6 Intraoral Tips yellow, 1 Universal Adhesive [10 mL])	66041065
Flexitime Fast & Scan Dynamix Putty Trial Kit (1 x 380 mL Fast & Scan Dynamix Putty, 10 Dynamix Mixing Tips, 1 Dynamix Fixation Ring, 1 x 50 mL Fast & Scan Light Flow, 1 x 50 mL Fast & Scan Medium Flow, 12 Mixing Tips yellow, 12 Intraoral Tips yellow, 1 Universal Adhesive [10 mL])	66044883
Flexitime Dynamix Heavy Tray Trial Kit with Light & Medium Flow (1 x 380 mL Dynamix Heavy Tray, 10 Dynamix Mixing Tips, 1 Dynamix Fixation Ring, 1 x 50 mL Cartridge Light Flow, 1 x 50 mL Cartridge Medium Flow, 12 Mixing Tips yellow, 12 Intraoral Tips yellow, 1 Universal Adhesive [10 mL])	66041071
Flexitime Fast & Scan Dynamix Heavy Tray Trial Kit (1 x 380 mL Fast & Scan Dynamix Heavy Tray, 10 Dynamix Mixing Tips, 1 Dynamix Fixation Ring, 1 x 50 mL Fast & Scan Light Flow, 1 x 50 mL Fast & Scan Medium Flow, 12 Mixing Tips yellow, 12 Intraoral Tips yellow, 1 Universal Adhesive [10 mL])	66045793
Flexitime Dynamix Monophase Trial Kit (1 x 380 mL Dynamix Monophase, 10 Dynamix Mixing Tips, 1 Dynamix Fixation Ring, 1 Universal Adhesive [10 mL])	66035989
Flexitime Dynamix Monophase ProScan Trial Kit (1 x 380 mL Dynamix Monophase ProScan, 10 Dynamix Mixing Tips, 1 Dynamix Fixation Ring, 1 Universal Adhesive [10 mL])	66049132
Flexitime Dynamix Putty Refill (2 x 380 mL)	40003992
Flexitime Dynamix Putty Refill Economy Pack (3 x 2 x 380 mL)	66035991
Flexitime Fast & Scan Dynamix Putty Refill (2 x 380 mL)	66044882
Flexitime Dynamix Heavy Tray Refill (2 x 380 mL)	40003991
Flexitime Dynamix Heavy Tray Refill Economy Pack (3 x 2 x 380 mL)	66035992
Flexitime Fast & Scan Dynamix Heavy Tray Refill (2 x 380 mL)	66045755
Flexitime Dynamix Monophase Refill (2 x 380 mL)	40003990
Flexitime Dynamix Monophase Refill Economy Pack (3 x 2 x 380 mL)	66035993
Flexitime Dynamix Monophase ProScan Refill Pack (2 x 380 mL)	66045801
ACCESSORIES	
Dynamix Mixing Tips (5 x 50 Mixing Tips)	66035999
Dynamix Fixation Ring (10 x 2 Count)	66036078

Flexitime® Xtreme 2	
Flexitime Xtreme 2 Heavy Tray Bulk Pack (12 x 50 ml Heavy Tray cartridges, 36 mix tips)	66044884
Flexitime Xtreme 2 Heavy Tray Refill (6 x 50 ml Heavy Tray cartridges, 18 mix tips)	66044885
Flexitime Xtreme 2 Trial Kit (4 Heavy Tray 50ml cartridges, 2 Correct Flow 50ml cartridges, 12 mixing tips, and 12 intraoral tips)	66044893
Flexitime Xtreme 2 Correct Flow Refill (6 x 50 ml Correct Flow cartridges, 18 mix tips)	66050334
Flexitime Xtreme 2 Correct Flow Bulk Pack (12 x 50 ml Correct Flow cartridges, 36 mix tips)	66050335
Flexitime Xtreme 2 Heavy Tray Dynamix (2 x 380 ml Heavy Tray Dynamix machine cartridges)	66065537

Flexitime® Bite	
Flexitime Bite Case (3 x 2 x 50 mL Cartridges with 18 Mix Tips)	66038751
Flexitime Bite Single (2 x 50 mL Cartridges with 6 Mix Tips)	50066038

For more information or to place an order for Flexitime, call 877-258-5937 or contact your Heraeus Kulzer representative.

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