

HUGE

Accessories

Grey mixing tips	6+6 pcs
	50 pcs
White mixing tips	6 pcs
	50 pcs
Dispenser 1: 1	1 pcs
Silicone cut	1 set
Tray adhesive	10 ml

PERFIT

Dental impression materials



The right PERFIT
for every impression task



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PERFIT VPS Impression Materials.

Professional precision for all indications.

After more than 10 years of practice in the market, PERFIT has developed into one of the most successful and popular impression materials in the world. HUEG continues to enhance its product range to meet the different needs of dentists. You can rest assured you'll find the right impression material for professional precision in the **PERFIT family**.

Perfect Precision For **Complex Impressions**

With an ideal combination of flowability and stability, PERFIT Heavy Body and Light Body can remain at the application site. They are the perfect material for **implant impressions** and **full denture impressions**.



Excellent hydrophilicity and thixotropy

PERFIT impression material is highly hydrophilic. It has an excellent ability to flow in wet areas and accurately reproduce details. Excellent thixotropy ensures that the material does not easily drip from the teeth. It brings a comfortable experience to patients.

Excellent dimensional stability

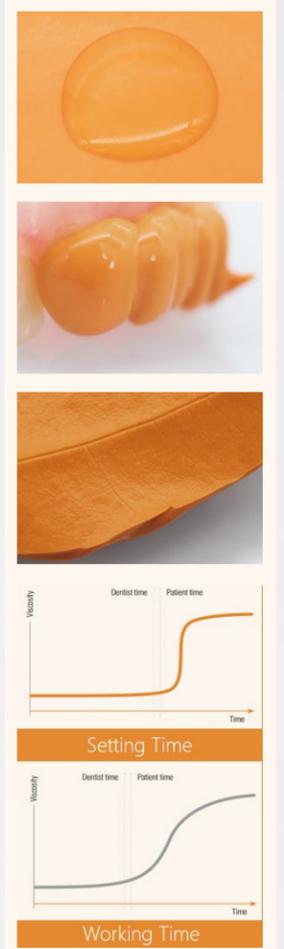
PERFIT impression materials have a low volume shrinkage and excellent dimensional stability. This dimensional stability ensures that the impression shape can be preserved for **28 days**, which is convenient for dentists and laboratory technicians.

"Snap-Set" Technology

PERFIT provides faster curing efficiency. It has sufficient working time and shorter intraoral setting time, which not only facilitates the clinical operation of dentists, but also brings a comfortable clinical experience to patients. And the faster cross-linking time reduces the inaccuracy caused by micro-movement.

Coordinated handling properties

Due to its excellent elastic memory, the material can be easily removed from the mouth and returns to nearly its original shape after removal. PERFIT products are available in various hardness levels, giving dentists multiple options to help them achieve the desired impression.



Clear details and high precision

No bubbles

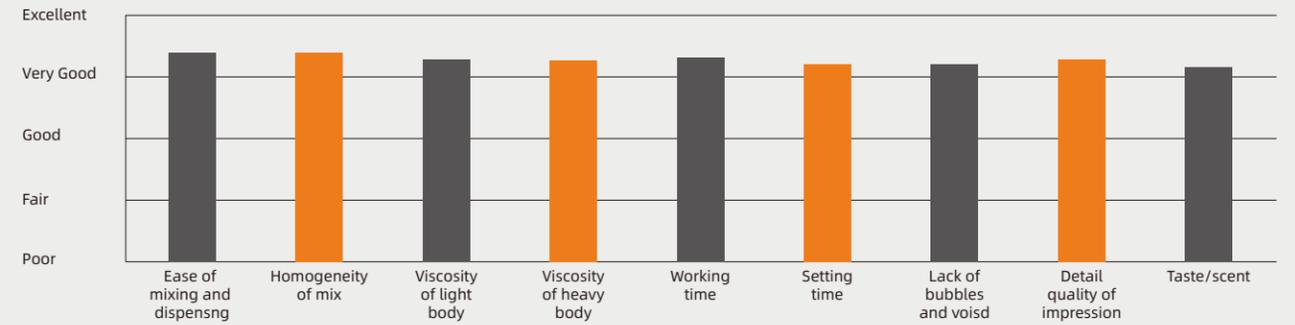
Continuity of the gingival margin

Impression When to use which material.

	PERFIT Putty	PERFIT Heavy	PERFIT Regular	PERFIT Light	PERFIT Bite
Crown and bridge impressions	■	■		■	
Inlay and onlay impressions	■	■		■	
Implant impressions		■	■	■	
Full denture impressions		■		■	
Transparent impressions			■		
Bite registration					■

Clinical evaluation and feedback

Evaluation Summary:



"Great detail and handling. Excellent hydrophilic property."

"The ease of loading and consistency of this impression material are very good."

"Very clean impressions, less bubbles."

—Comments from Dental Advisor Evaluators



» I've used this material for 6 months, it's easy mix and accurate dosing of the base and catalyst due to their homogeneity, no taste and smell. I like the density of the material too, there were no pores.

— Dr. Hanna Zielinska

» I'm very satisfied with the material, especially the high hydrophilicity and excellent adhesion between layers. One impression can be cast several models and still has good resistance to deformation.

— Dr. Andrey Zakharenko



PERFIT Regular Body-Transparent

Elastomeric Impression Material

For Clinical Application:

1. Two-step impression technique with wash materials
2. Light-curing guide for
 - a. Mock up restoration
 - b. Bonding of orthodontic brackets
 - c. Occlusal stamp for composite restorations

For Lab Application:

Composite injection moulding technique



Comparison

PERFIT Regular Body in comparison to competitors: From the comparison, it can be clearly seen that HUGE Regular Body has better transparency. And it rarely produces air bubbles and has high aesthetic effect.



HUGE Brand A Brand B Brand C



Extreme Transparency



No bubbles



Ideal Rigidity



High Aesthetic Results



Technical Parameters

Technical Parameter	Regular Body
Working Time	1min30s
Setting Time in oral cavity	3min00s
Shore A Hardness (24 h)	62
Color	Transparent

*Data from HUGE laboratory

Clinical Application Case

The matrix created with PERFIT Regular Body achieves excellent aesthetics. In a short period of time, it can simplify clinical procedures and increase operational efficiency.

Injection Moulding Technique

- 

1. Prepare teeth and make the plaster model
- 

2. Finish restoration with wax on plaster model
- 

3. Apply Regular Body to the plaster model
- 

4. Use Regular Body to make transparent matrix
- 

5. Fill the space with light-curing resins
- 

6. Light cure the resin materials
- 

7. Finish restoration after polishing

PERFIT Bite Registration

Scannable Bite Registration material for digital workflows.



PERFIT Bite Registration is an addition silicone, which can be used for conventional bite registration techniques in conjunction with indirect restorative procedures. It is also a scannable material that can be used for the optical recording of data when fabricating restorations with **CAD/CAM systems**.

High final hardness

Due to the material's high final hardness of **90 Shore A** and high fracture toughness, PERFIT A Silicone for Bite Registration is easy to trim and grind. The high final hardness is particularly important for repositioning the bite registration between the models in the articulator. This is the only way to ensure perfect-fit restorations.

Fast setting time

The intraoral setting time of the fast type is 45 seconds. It provides patients with a pleasant impression recording experience, improves acceptance rate, and thus reduces the risk of inaccuracy. At the same time, it provides ample working time for full-mouth bite recording.

Scannable

PERFIT Bite Registration is a scannable bite registration material that is suitable for both universal bite registration and powder-free optical data recording of the antagonists for CAD/CAM technology, e.g. for fabrication of all-ceramic restorations.

Whipped-cream-like consistency

The consistency similar to fresh cream makes it easy for patients to bite. It is not easy to flow and has a certain bite resistance, which brings a good clinical experience to patients.



Delivery forms / Technical data

	Putty	Heavy Body		Regular Body	Light Body	Bite Registration
System						
Shade	Purple	Dark blue	Green	Transparent	Orange	Light blue
Type	Normal Fast	Fast	Fast	Fast	Normal Fast	Normal Fast
Standard package	2*400g	2*50ml	380ml	2*50ml	2*50ml	2*50ml
Kit package	2*400g putty+ 1*50ml light	2*50ml+ 6 mixers	-	2*50ml+ 6 mixers	2*50ml+ 12 mixers+ 12 oral tips	2*50ml+ 6 mixers

Mixing time Normal Fast	0:30 min. 0:30 min.	-	-	-	-	-
Working time Normal Fast	1:30 min. 1:15 min.	2:00 min. 1:30 min.	2:00 min. 1:30 min.	- 1:30 min.	2:15 min. 1:30 min.	0:30 min. 0:12 min.
Time in mouth Normal Fast	3:00 min. 2:30 min.	3:30 min. 3:00 min.	3:30 min. 3:00 min.	- 3:00 min.	3:30 min. 2:30 min.	1:30 min. 0:45 min.
Linear dimensional change (24 h)	<0.2%	<0.2%	<0.2%	<0.2%	<0.2%	<0.2%
Recovery from deformation	>99.5%	>99.5%	>99.5%	>99.5%	>99.5%	-
Detail reproduction	20µm	20µm	20µm	20µm	20µm	-
Shore A hardness (24 h)	~67	~68	~68	~62	~56	~90
Scannability	-	-	-	-	-	√
Shelf life	3 years	3 years	3 years	3 years	3 years	2years

*Date from HUGE Lab

