



MATERIALS FOR DENTAL-TECHNICAL LABORATORY



Content

DENTALCAST	3
DENTALCAST ARTI	3
ZT-LAK	4
INDICAST	6
LABOMARK	7
PATTERNPLAST	8
PATTERNPLAST M	9
PATTERNPLAST LC	10
PATTERNPLAST LC FLOW	10
PHOTOTRAY	11



DENTALCAST

Dental plaster according to GOST 31568

PURPOSE

Making of models in orthopedic dentistry and implantology.

«DENTALCAST» 10 (type 2) - used in orthopedic dentistry for making of diagnostic models, imitation casts and immobilizing dressings.

«DENTALCAST» 30 / «DENTALCAST» - Arti 30 is intended for making of diagnostic and working models of the jaws in the technology of removable dental prosthetics, for fixing models in the articulator.

«DENTALCAST» 40, type 4 - to form the base of the working models.

«DENTALCAST» 50 (type 4) - heavy-duty dental gypsum with low expansion rate for models



and dies. Intended for making of combined collapsible gypsum models of jaws and dies for prosthetics with metal-ceramic and all-ceramic prostheses.

FEATURES

№	Name of indicator	Requirements for gypsum types (GOST 31568)				
		type 2	type 3		type 4	
		DENTALCAST 10	DENTALCAST ARTI 30	DENTALCAST 30	DENTALCAST 40	DENTALCAST 50
1.	Setting and hardening time, 3,0 – 30,0 min.	3,0-30,0	3,5-5,5	8,0-14,0	3,0-20,0	8,0 - 20,0
2.	Linear expansion at hardening after 2 h, % no more than 0,3 no more than 0,2 no more than 0,15	0,3	-	-	-	-
		-	0,08	0,2	-	-
		-	-	-	0,1	0,15
3.	Compressive strength after 1 h, MPa, not less than	9,0	20,0	20,0	35,0	35,0
4.	Detail reproduction	Reproduction of Line B	Reproduction of Line A			
5.	Color* (*Plasters can be made in different color)	white	white	blue	graphite	pistachio/ golden brown

PACKAGE

Plaster - 5 kg

Plaster - 10 kg

Plaster - 25 kg

Analogues:

DENTAL CAST-10

«Almod S», «Stodent», «Impression», «Volma»

DENTAL CAST-30

«KROMOTYPO», «Giludur», «Elite Model», «Pro Solid»,

«α-rock», «Marmodent», «Hinrizit», «MOLDANO»,

«MOLDADUR»

DENTAL CAST ARTI 30

«GIULINI Articulating Plaster», «Elite Arti White»

DENTAL CAST-40

«Elite Base Terracotta Red», «Elite Base Royal Blue»,

DENTAL CAST-50

«BegoStone», «HINRISTONE», «Pro Rock»,

«Pro Stone 21», «FujiRock EP»,

«Elite Master», «Elite Rock»,

«GIULINI Tixodent»,

«Gilplast», «Gilstone», «Gilrock»



ZT-LAK

Dental compensation varnish

PURPOSE

Modelling in dental laboratory and making intermediate layer on the plaster model of the stump in order to form a distance gap under the fixing cement for partial compensation of shrinkage when making whole piece dental prostheses and for making intermediate layer on the plaster model of the stump.



ZT-LAK

FEATURES

"ZT" - lak is viscous uniformly colored in gold, silver, blue or red liquid. When drying, "ZT" - lak gives non-shrinkable non-elastic film, which is firmly held on the plaster model. The time of

film formation of the varnish is not more than 2 minutes. The film thickness of one layer of varnish is 5-20 microns.

ZT-LAK STUMPFLACK

FEATURES

"ZT"-lak stumpflack is viscous uniformly colored orange liquid. After drying "ZT"-lak stumpflack forms on the model without-shrinkable elastic film can be easily removed. The time of film formation "ZT"-lak stumpflack is 3-7 minutes. The film thickness of one layer of varnish 20-30 microns.

The composition of the varnish includes ethyl acetate, polystyrene and colorant.



ZT-LAK

Dental compensation varnish

ZT-LAK SOLVENT

PURPOSE

Dilution, if necessary, to the required consistency of the main composition of "ZT"-lak and "ZT"-lak stumpflack. Provides homogeneous dilution without the formation of lumps and films.



plaster model with use of "ZT" - lak varnishes of different colors

PACKAGE

Flask with «ZT»-lak (or «ZT»-lak stumpflack) (15 ml)	- 1 pc.
Flask with «ZT»-lak solvent (15 ml)	-1 pc.

Analogues:

«Distnzlack», «O-Fit Stumpflack», «Stumflack», «Pico-Fit», «Distrident Spacer», «SureFit», «Stumflack Die Spacer», «CLEAR SPACER YETI», «Vorkron-11»



INDICAST

Material for fixation of all-ceramic restorations during firing



PURPOSE

“Indicast” is used in dental laboratories for making of models and for auxiliary work at making of dental orthopedic products for prosthetics and implantology. This material is intended for fixing all-ceramic restorations during firing in furnace.

DIRECTION FOR USE

Fill with paste the inner surface of the crown to its borders. Press the pin into the paste so that it is firmly held in it. Remove excess paste with spatula or other convenient tool. In this case, it is necessary to ensure that the pin remains in locked (fixed) state.

If the paste gets on the outer surface of the restoration, carefully remove the excess

paste with brush dipped in water. Wait until the restoration surface dries, or dry it with lint-free cloth or any other suitable material. Install restoration in the honeycomb firing tray and perform firing in accordance with the recommendations of the ceramic manufacturer. Fixing paste performs its function at temperatures up to 1100°C.

PACKAGE

Syringe with paste (12 ml)	-1 pc.
----------------------------	--------

Analogue: «SuperPeg II»

LABOMARK

Dental liquid occlusion paper marker

PURPOSE

Liquid paper marker is used in dental laboratories for making of models and for auxiliary work at making of dental orthopedic products for prosthetics and implantology. This material is intended to determine the accuracy of fitting crowns, inlays, onlays, telescopic crowns, clasps, friction surfaces of movable mounts, as well as to clarify occlusion. Liquid paper marker marks areas of the frame that interfere with tight contact, areas on crowns, secondary parts, approximate contacts, basal contacts of bridge links, occlusal contacts, for subsequent correction of protruding areas,



when pairing a molded denture frame with a gypsum model, to register contact points on polished gold or ceramic surfaces. To dilute liquid paper marker while increasing its viscosity, "Labomark" solvent is used.

FEATURES

Liquid paper marker is viscous, easily volatile liquid based on isopropyl alcohol and ethyl acetate, painted in white, red, blue or green, which when dried gives non-shrink film. Film formation time is not more than 3 minutes. The film thickness of one marker layer is not more than 10 microns. Provides uniform cover of contact areas and is easily washed off with water.

PACKAGE

Flask with liquid paper marker (15 ml)	- 1 pc.
Flask with solvent (15 ml)	- 1 pc.

Analogues: «Blue Marker», «Arti-Spot», «Pico-Mark», «ART-FIL M», «Artikulationsfilm», «Contour Check»



PATTERNPLAST

Dental modelling polymer material

PURPOSE

Modelling:

- inlays and overlays, lingual and vestibular arches, clasps and splint arches, as well as other parts of arch prostheses;
- secondary parts of telescopic crowns;
- adhesive bridges of the Maryland type;
- crown-root inlays;
- constructions for post-implant prosthetics.



PATTERNPLAST

NOT PRECURSOR!

FEATURES

The material is white powder and blue liquid, where ethyl methacrylate is used as the main component of the liquid.

This type of resin is distinguished by short gel formation and polymerization time, low

polymerization shrinkage, and almost complete absence of ash after model combustion.

When modelling, the resin holds well on the model and contrasts with it due to its blue color.

PATTERNPLAST M

Dental modelling polymer material

PRECURSOR!

FEATURES

Self-curing resin, which is white powder and red liquid, where methyl methacrylate is used as the main component of the liquid. This type of resin is distinguished by short gel formation and polymerization time, low polymerization shrinkage, and almost complete absence of ash after the model burns down.

When modelling, the resin holds well on the model and contrasts with it due to its red color.



PACKAGE

PATTERNPLAST/PATTERNPLAST M:

Flask with liquid (100 ml)	- 1 pc.
Flask with powder (2 x 50 g)	- 1 pc.
Pipette	- 1 pc.
Spoon/dosing cap	- 1 pc.

Analogue: «Bredent P-Q-Plast», «PATTERN RESIN LS», «Pattern Bright», «Form Plast»



PATTERNPLAST LC, PATTERNPLAST LC FLOW

Dental modelling polymer material



PURPOSE

- modelling of secondary parts of telescopic crowns, inlays, onlays, various parts of clasp prostheses;
- modelling of adhesive bridges of the mery-land type;
- modelling of crown-root inlays;
- modelling of structures during post-implant prosthetics;
- making of temporary joints of soldered structures;
- blocking undercuts, etc.;
- making of pin structures using the direct method.

FEATURES

PATTERNPLAST LC / PATTERNPLAST LC FLOW

- light-cured, made in the form of paste based on methacrylate oligomers.

The materials are ready-to-use painted light-cured pastes which include: polyurethane acrylate; light curing activators; stabilizers; technological additives providing optimal consistency; dye. The materials have the following advantages: short cure time; low

polymerization shrinkage; easy modeled and applied directly from the nozzle of dosing syringe; well distinguishable on the model; after curing easy processed with abrasive tools; burn without residue during heating of the mold.

Materials cure under the influence of light source emitting in the wavelength range of 360 - 500 nm.

PACKAGE

PATTERNPLAST LC / PATTERNPLAST LC FLOW

Paste (syringe) (5 g)

- 1 pc.

Needles

- 3 pc.

Analogue: «Primopattern LC», «LiWa Flow», «Easyform LC Gel»

PHOTOTRAY



PURPOSE

Making individual impression trays.

FEATURES

"PHOTOTRAY" is made in the form of soft plates of high filled paste. The material is made on the basis of light-curing polymer matrix of methacrylate oligomers and an inorganic filler. The composition of the material includes: modified fine filler (> 85%), initiating system, radical polymerization stabilizer, coloring agent and perfume. The material is easy modeled and

formed, does not stick to hands and tools, and fits most modern curing lamps. After light curing, impression trays formed from the material have high dimensional stability, high flexural strength (curing depth at least 2,5 mm, bending strength at least 20 MPA), working time at least 5 minutes.

PACKAGE

Plates - 20 pc.

Analogues: «LC TRAYPLATES», «PRECI Tray», «Megatray», «Plaque Photo», «Elit LC Tray», «Löffelmaterial UV», «Silatray Löffelmaterial», «Hinritray», «INDIVIDO-LUX», «Supertec», «Light Tray Ivoclar», «Luxa-Tray», «PROFIBASE»

REPRESENTATIVES:

LLC «Rudent M»

48A Tkatskaya Str., Moscow, 105187, Russia
tel.: +7 (499) 785-95-26/27/28
+7 (495) 151-26-27
+7 (800) 775-95-26
market-rf@rudent.su



Trade House «VladMiVa»

118, Sadovaya Str., Belgorod, 308023, Russia
tel./fax: +7 (4722) 200-555
export@tdvladmiva.ru

BRANCHES:

1-Krasnaya Str., lit.2g,
Lyubertsy, Moscow Region, 140000, Russia
tel./fax: +7 (495) 565-42-43, 565-42-44
ddvladmiva@gmail.com

27, Botanical Str.,
Orel, 302016, Russia
tel./fax: +7 (4862) 72-54-60, 72-54-61
orel@tdvladmiva.ru

21, 1-Pushkarnaya Str.,
Kursk, 305029, Russia
tel./fax: +7 (4712) 227-446, 227-445
kursk@tdvladmiva.ru

29a, Zhukov micro-district,
Stary Oskol, 309512, Russia
tel./fax: +7 (4725) 33-39-33, 39-05-03
st_oskol@tdvladmiva.ru

8, Chaykovsky Str.,
Voronezh, 394036, Russia
tel./fax: +7 (4732) 02-10-45
voronezh@vladmiva.ru

34, Aviatsionnaya Str.,
Bryansk, 241033, Russia
tel./fax: +7 (4832) 595-446
bryansk@tdvladmiva.ru

46, Demonstration Str.,
Tula, 300034, Russia
tel./fax: +7 (4872) 70-13-20
tula@tdvladmiva.ru