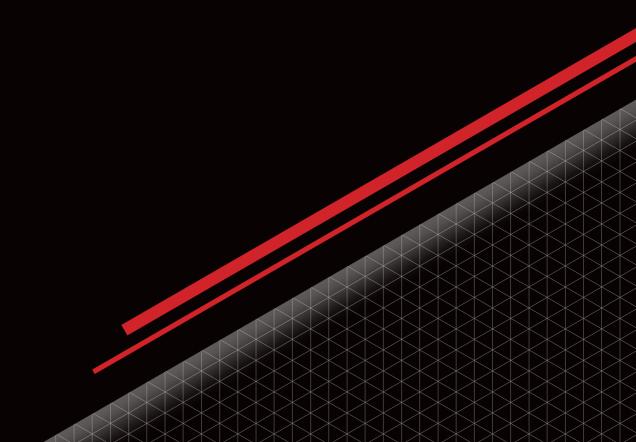


## PRODUCTS CATALOG







www.polident.si

## QUALITY. RESPONSIBILITY. COOPERATION.



PoliDent - creating smiles.

Our products and materials are designed to allow dental experts to achieve reliable and predictable results in addition to the optimal care for every patient.

Quality, responsibility and cooperation serve as our guidance at every step; we believe that with these values, we can offer long-term solutions, satisfaction, and confidence.



## PoliDent

	ABC	06	
1.		TIFICIAL POLYMER TEETH	08
/ , -	1.1	REF-LINE	10
	1.2	PRIMODENT	22
	1.3	CROSS LINKED 2	32
2	CAI	D/CAM DISCS & ACCESSORIES	38
~ -	2.1	PMMA CAD/CAM DISC	40
		PMMA CAD/CAM DISC multilayer	41
	2.2	PINK CAD/CAM DISC	42
		PINK CAD/CAM DISC multilayer	43
	2.3	CASTING CAD/CAM DISC	44
	2.4	MODEL CAD/CAM DISC	44
	2.5	X-RAY CAD/CAM DISC	45
	2.6	POLICUTTER MILLING TOOLS	46
		for PMMA CAD/CAM discs	46
		for ZIRCONIA discs	46
		for ZIRCONIA discs - diamond coated	47
2.	3D F	PRINTING RESIN	49
	3.1	poli3Dent MODEL pro	51
	3.2	poli3Dent CLEANER	51
4	LAE	BORATORY MATERIAL	53
, , -	4.1	ACRYLICS	54
		Polihot	54
		Policold	54
		K-30S	55
		PolireparS	55
		Ortopoli	56
		Politemp	56
		Politray	57
		Unitray LC	57
	4.2	PUMICE	58
	43	RDI ISHES	58

	4.4	INVESTMENT MATERIALS	60
		Polivest	60
		Politerm Speed	60
		Univecast	61
		Polipress	61
	4.5	CORUNDUM	62
	4.6	DENTALPLASTERS	64
		Alabaster	64
		Polidur	64
		Polistone	65
		PrimaArt	65
		PrimaRock	65
	4.7	SILICONES	66
7	DEN.	TALPRACTICEMATERIAL	69
),	5.1	DISPOSABLEPRODUCTS	70
		Protective medical gloves	70
		Protective medical Apron	71
	ОТН	ER SELLING PRODUCTS	73
	6.1	SHELLACBASEPLATES	75
6	6.2	SCULPTURING WAX SPEZIAL	75
	6.3	FLEXISTONEStandard	76
	6.4	FLEXISTONE Plus	76
	6.5	SILAPLAST Futur	77
	6.6	SILAPLAST Futur cat f - lyquid	77
	6.7	SILASOFT Normal	78
	6.8	CATPUNIVERSAL Futur-paste	78
	6.9	BLUEECO	79
	6.10	BLUEECOSTONE	79
		MARKETCOVERAGE	80

In the process of design, development and manufacture of medical devices, we carefully adhere to Regulation (EU) 2017/745 on medical devices and the internationally recognised ISO 13485 standard.



## PoliDent-Dental Products Industry



At PoliDent, we strive for a noble goal, together with you - satisfied and smiling patients.

We are a good partner. We are customer focused and responsive to the needs of the market. We develop new products, also on order.

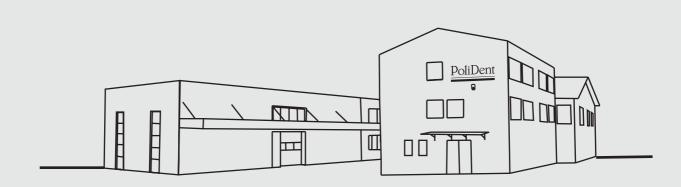
We are proud that the entire production process still takes place here in Slovenia. We are committed to quality and strictly control all processes. We offer products that are optimal for their purpose.

We constantly invest in knowledge, improve processes, technology, products and services. We managed to obtain the MDR certificate of compliance with the new European Regulation for Medical Devices.

We have a new automated warehouse for pigment powders and a new development laboratory, we acquired additional land for the purpose increase in production facilities.

Hand in hand with you, we pave the way to a future where we create smiles.

CEO Dani Pececnik





#### **OUR MISSION IS...**

To improve the quality of people's lives and boost their self-confidence.

To develop and manufacture functional, reliable, and aesthetically sophisticated dental products.

To provide predictable and quality results during use of our products and materials.

To maintain good relations both within the company and with our suppliers and customers.

### **OUR PURPOSE IS...**

To be an innovative and a proactive partner in dental industry.

To stem from tradition while looking towards the future.

To remain committed to quality, flexibility, reliability, and accessibility.

To encourage responsibility, goal-oriented focus, and thinking outside the box.

To create smiles.

### **OUR VISION IS...**

To push the boundaries in dental industry.

To become a synonym for innovative solutions that provide healthcare experts with optimal care for their patients.

To become a globally recognised brand that develops and manufactures top-quality products while also providing safe and reliable solutions with the best quality/price ratio.





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# 1. Artíficial polymer teeth

- 1.1 REF-LINE
- 1.2 PRIMODENT
- 1.3 CROSS LINKED 2





# REF-LINE

Author: Arian Deutsch, CDT. Lab Deutsch Dental Arts in USA



Author: Stephen Norman from Sparkle Dental Lab in Bolton, England



Thank you for sharing your work with us.

# REF-LINE Look and feel natural.



## HIGH-END AESTHETICS, ANATOMICALLY SHAPED, MULTI-LAYERED COMPOSITE TOOTH-LINE

Developed, produced and controlled in Slovenia, EU

### DESIGNED BY DENTAL TECHNICIAN FOR DENTAL TECHNICIANS

### Natural colour and shape

- natural morphology of tooth surface
- · incisal cracks and minor irregularities
- · transparent incisal area
- visible mamelons
- intensive chromaticity of the gingival region
- including cervical wider shapes of tooth designs for covering metal structures in implants and partial prostheses
- · obscured fissural zones on the occlusal surface
- anatomically designed pronounced cusps assure the main taining of the natural tooth appearance and structure in individual matching with the antagonists

### Brand new production technology

- perfection of tooth design
- retention opening on the lower part of transcanine teeth provides for easier and faster work

### Ref-Line material

- improved abrasion resistance\*
- improved hardness\*

\*Compared to conventional acrylic teeth Primodent and Cross linked 2





	V	
M1	V1,V3	Q1
M3	V3,V4,U3	R2,R4,Q1,Q3,F2,F4
M4	V4,U3,U4	R2,R4,Q3,F2,F4
M6	V4,V6,V8,U4	R4,R6,Q5,F4,F6
K3	V4,v3,u3	R4,F4,Q3,R2,F2
K4	V6,V4,U4	R4,F4,Q3,R2,F2
K6	V8,V6,U6	R6,F6,Q5,R4,F4
N3	V3,V4,U3	R2,R4,Q3,F2,F4
N4	V4,V6,U3,U4	R2,R4,Q3,F2,F4
N6	V6,V8,U4,U6	R4,R6,Q5,F4,F6
W3	V3,V4,U3	R2,R4,Q3,F2,F4
W4	V4,V6,U3, <b>U</b> 4	R2,R4,Q3,F2,F4
W6	V6,V8,U4, <b>U</b> 6	R4,R6,Q5,F4,F6
H3	V3,V4,U3	R2,R4,Q3,F2
H4	V4,V6,U3,U4	R2,R4,Q3,F2,F4
H6	V6,V8,U4,U6	R4,R6,Q5,F4,F6



### **SHADES**

BL1 - BL3

A1 - A2 - A3 - A3,5 - A4

B1 - B2 - B3 - B4

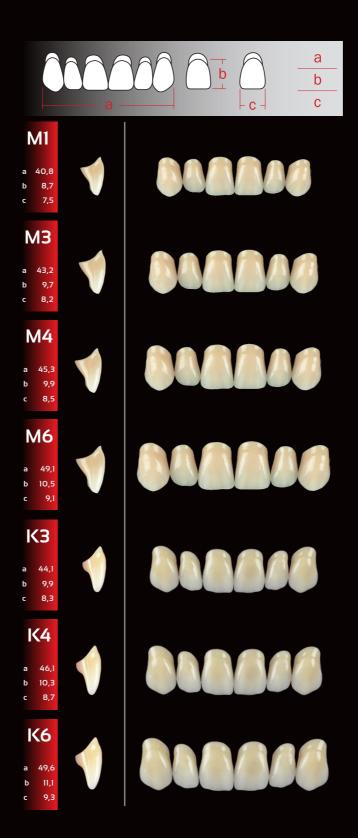
C1 - C2 - C3 - C4

D2 - D3 - D4

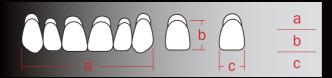


# 1.1 Artificial polymer teeth REF-LINE





# REF-LINE



## **N3**

### **N4**



### **N6**

a 48,8



## M3

ь



## W4





### W6





## Н3



## **H4**

44,9



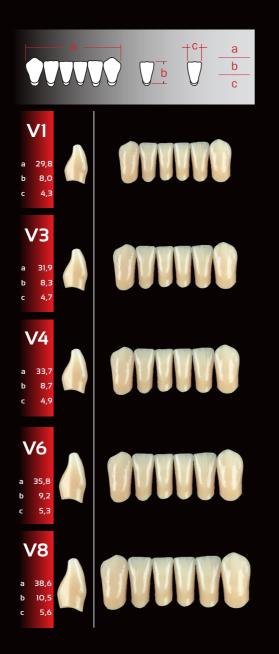
## **H6**

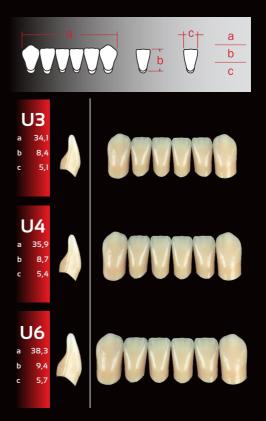
- 48,3 12,0



# 1.1 Artificial polymer teeth REF-LINE





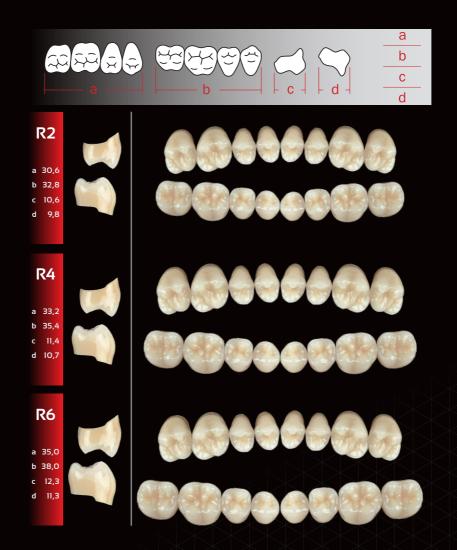


## REF-LINE







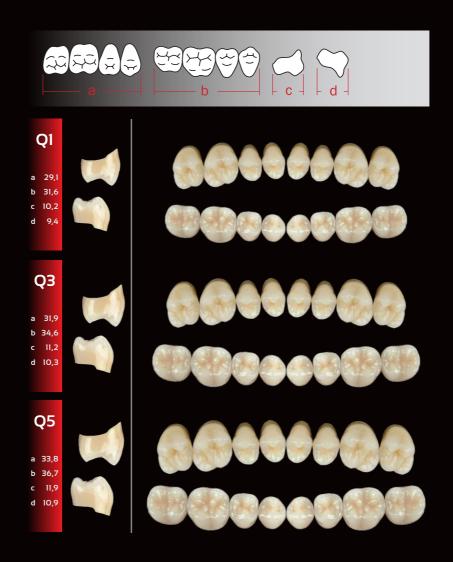


# 1.1 Artíficial polymer teeth REF-LINE





Cervical extension on premolars





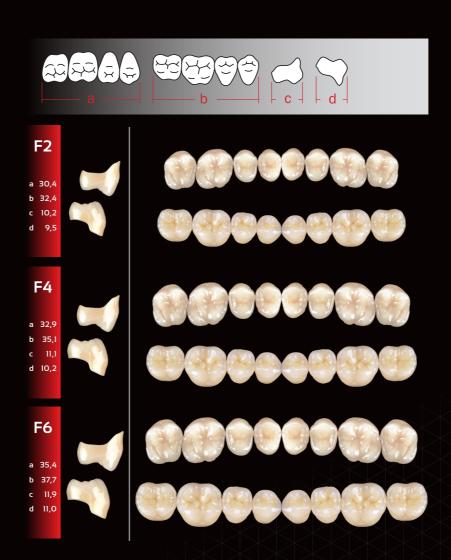




R anatomical shape



lower cusps





#### REF-LINE TEETH FOR AESTHETIC PROTHESES

Open a new era of dental perfection with Ref-Line artificial teeth – proof of the seamless combination of innovation and precision. Redefining excellence, these teeth are precisely designed by a dental technician for dental professionals worldwide.



#### Precision in design:

Every detail of Ref-Line teeth, from tooth shapes to surface texture, internal layering system, shading, mamelons, micro-cracks, and imperfections, has been accurately considered without compromise. The outcome is a tooth line that mirrors the incomparable beauty of natural teeth, combining organic forms with state-of-the-art digital production technologies, perfected processes, and in-house material development — all captured in a revolutionary product.



#### **Anatomical excellence:**

Featuring high anatomical shapes inspired directly by natural teeth, our physical and digital modeling, strikes the perfect harmony between natural aesthetics and production mold. Every detail has been enhanced to perfection.

#### **Customization at its best:**

Our precise layering and shading systems offer intense cervical and dentin colors with whitish translucent enamel. Diverse color effects are achieved by simply grinding the enamel layer. The high color intensity ensures a masking ability over metal substructure even in case of tooth reduction from palatal side. Darker canines and cervical areas, mamelons, mesial and distal transparency contribute to creating dentures that look remarkably authentic.



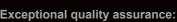
### Effortless integration:

The bottom of each tooth is shaped to follow the gingival ridge contours, minimizing the need for extensive grinding during setup. A preexisting cervical opening in posterior teeth simplifies grinding, leading to substantial time savings. This opening is designed to facilitate the modeling of implant-supported dentures and retention for thermo-injected non-PMMA denture base materials.



#### Innovative material development:

Our advanced composite acrylic material, outshines conventional acrylic. Composed of carefully selected polymers and matrix reinforced by inorganic micro-fillers, Ref-Line teeth boost improved resistance to mechanical wear, increased hardness, resistance to plaque adhesion, color stability, excellent polishing properties, and perfect adhesion to denture base materials.



With our continuous injection production technology, material density surpasses conventional techniques, ensuring no porosity, no shrinkage, and no excess material. This guarantees constant repeatability and dimensional stability a critical factor in digital denture design.



### **KEY ACHIEVEMENTS:**

**Natural look:** Achieved through precise anatomical design and advanced layering.

High color stability: Our composite material ensures vibrant, stable colors.

**No cracking:** Silanized composite particles chemically bonded to acrylic matrix prevent cracking.

Choose Ref-Line teeth for a dental experience that perfectly blends innovation, aesthetics, and durability. Elevate your practice with the future of dental perfection.

Author: Christian Wibberley of CW Dentures In Oldham, England





Thank you for sharing your work with us.

## PRIMODENT for beautiful smile



- high aesthetics three layers acrylic teeth
- 100% developed, produced and controlled in Slovenia, EU
- excellent mechanical properties, high resistance to abrasion
- colour stabillity from batch to batch
- heat stability
- licensed by FDA and Health Canada



	31	11	<b>T1</b> , S1
	32		·
	_	<b>12,</b> 13, L2	<b>T1,</b> T2, S1
	33	I1, L2, <b>I3</b>	T2, <b>T3</b>
	34	<b>13</b> , 14	T2, T3, <b>T4</b>
	35	12, <b>I4,</b> I5, L2	T3, <b>T4</b>
	36	14, <b>15</b> ,L6	T3, <b>T4</b>
3	37	15, <b>16</b>	T4, <b>T6</b>
	37A	16	<b>T4,</b> T6
	38	16, 18, <b>17</b>	T4, <b>T6,</b> S5
	39	17	T6
	321	<b>I2,</b> I3, L2	<b>T1,</b> T2, S1
	341	<b>13,</b> 14	T2, T3, <b>T4</b>
	371	16	<b>T4,</b> T6
	01	<b>I</b> 1	<b>T1</b> , S1
	02	I1, <b>I3</b> , L2	T1, <b>T2,</b> T3, S1
	03	13, <b>14</b>	T3, <b>T4,</b> S1
0	04	14, <b>15,</b> L6	<b>T3,</b> S5
	05	15, <b>16,</b> L8	<b>T4,</b> S5
	05A	<b>L8</b> , I6	T4, S5, <b>T6</b>
	06	16, <b>17,</b> L8	S5, <b>T6</b>
	41	I1	<b>T1</b> , S1
	42	13, <b>I4,</b> L2	<b>T2,</b> T3, S3
	43	13, <b>14,</b> L2	T3, <b>T4</b>
4	43A	13, <b>14,</b> L6	<b>T3,</b> S3, S5
أنيرا	44	<b>I5,</b> I6, L6	<b>T4</b> , S5
	45	15, <b>16</b>	<b>T4</b> , S5
	46	L8	T4, S5, <b>T6</b>

### colors

BL3

A1 - A2 - A3 - A3,5 - A4

B1 - B2 - B3 - B4

C1 - C2 - C3 - C4

D2 - D3 - D4

Y0 - Y1 - Y2 - Y3 - Y4 - Y5 - Y6

B1 - B2 - B3 - B4 - B5 - B6

G1 - G2 - G3 - G4 - G5 - G6

# 1.2 Artificial polymer teeth PRIMODENT





## PRIMODENT





# 1.2 Artificial polymer teeth PRIMODENT





## PRIMODENT





CERVICAL WIDER SHAPE ALSO SUITABLE FOR IMPLANTS



# 1.2 Artificial polymer teeth PRIMODENT





## PRIMODENT





# 1.2 Artificial polymer teeth PRIMODENT



## PRIMODENT

## <u>PoliDent</u>

ଜ

and be to be a control of the contro	a 
	28,5 30,0 8,6 7,8
66444660	T2 28,7 31,2 8,3 8,2
	73 29,2 31,1 8,7 8,7
	30,5 33,2 9,0 8,7
	T6 33,0 35,0 9,5 9,3
0000000	S1 27,2 28,2 7,9 7,6
	S3 31,1 32,6 8,5 8,2
66444466	S5 31,6 33,2 8,9 8,8

## CROSS LINKED 2 keep your smile



- TOP QUALITY two layers acrylic teeth
- 100% developed, produced and controlled in Slovenia, EU
- color stability from batch to batch
- heat stability
- licensed by FDA and Health Canada



# PoliDent

	31	I1	T1
	32 33	<b>12,</b> 13	<b>T1,</b> T2 T2, <b>T3</b>
3	34 35	<b>I3,</b> I4	T2, T3, <b>T4</b> T3, <b>T4</b>
	36 37	14, <b>15</b> 15, <b>16</b>	T3, <b>T4</b> T4, <b>T6</b>
	01	11	T1
0	02 03	11, <b>13</b> 13, <b>14</b>	T1, <b>T2,</b> T3 T3, <b>T4</b>
ľ	04 05	14, <b>15</b> 15, <b>16</b>	T3, <b>T5</b> T3, T4, <b>T5</b>
H	06 41	16, <b>17</b>	T5, <b>T6</b>
	42	13, <b>14</b>	<b>T2</b> , T3
4	43 44	13, <b>14</b> <b>15,</b> 16	T3, <b>T4</b> T3, T4, <b>T5,</b> T6
	45	15, <b>16</b>	<b>T4,</b> T5

## colors

BL3 A1 - A2 - A3 - A3,5 - A4 B1 - B2 - B3 - B4 C1 - C2 - C3 - C4 D2 - D3 - D4

# 1.3 Artificial polymer teeth CROSS LINKED 2



		a b c
	•	31 38,6 8,9 7,2
	1	41,5 9,5 7,9
31881	V	33 42,0 10,5 8,2
88886	•	34 43,5 9,4 8,0
<b>646846</b>	1	35 44,1 10,2 8,4
848886	1	36 44,9 10,4 8,5
088886	•	46,5 10,8 8,7

## CROSS LINKED 2

## <u>PoliDent</u>

6

40,3 8,2 7,5

02

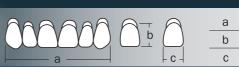
42,3 8,4 8,0 03 44,2 9,8 8,2 04 46,6 9,8 8,7 05 47,3 10,0 8,7 06 52,0

0	<u>a</u> b c
	 $\bigcirc$

A		A





















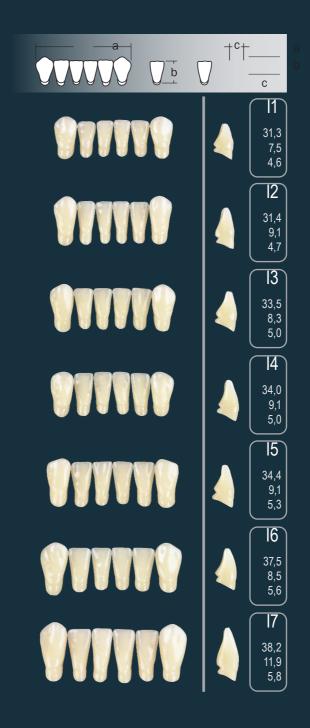




45
48,5
10,0
8,9

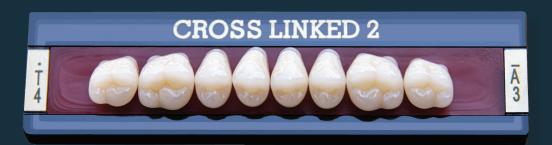
# 1.3 Artificial polymer teeth CROSS LINKED 2





## CROSS LINKED 2











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# 2. PoliDent CAD/CAM discs & accessories

2.1	PMMA CAD/CAM disc
	PMMA CAD/CAM disc multilayer
2.2	Pink CAD/CAM disc

- Pink CAD/CAM disc multilayer
- 2.3 Casting CAD/CAM disc
- 2.4 Model CAD/CAM disc
- 2.5 X-ray CAD/CAM disc
- 2.6 PoliCUTTER milling tools

for PMMA discs

for zirconia discs

for zirconia discs - diamond coated

#### PMMA CAD/CAM disc

are suitable for:

- milling of long-term temporary crowns and bridges, and for milling and verifying the appliance on the plaster model/mouth before the final  $ZrO_2$  milling process;
- milling the removable occlusal splint, and
- milling of individual denture teeth, full arch and tooth segments for denture manufacturing.

Clear discs are also suitable for fabrication of molds in precision casting with metal or press ceramics (non-medical use).

	Specification	Typical average value	Method according to
Flexural strength	> 65 MPa // > 50 MPa	90 MPa // 120 MPa	EN ISO 20795-2 // EN ISO 10477
Flexural modulus	> 2000 MPa	2700 MPa	EN ISO 20795-2
Sorption	< 32 μg/mm³	25 μg/mm³	EN ISO 20795-2
Solubility	< 1,6 µg/mm³	0,6 μg/mm³	EN ISO 20795-2
Residual monomer	< 2,2 %	0,5 %	EN ISO 20795-1 / EN ISO 20795-2
Vickers hardness	> 24 HV	26 HV	1

Characteristics:

SHOULDER - diameter 98,5 mm

Shapes: ZZ - diameter 95 mm

AG - diameter 100 mm

Thickness: 12, 14, 15, 16, 18, 20, 25, 30, 35 mm

BL1 - BL2 - BL3 - A1 - A2 - A3 - A3,5 - B1 - B2 - B3 - C2 - D2

Colors: enamel colours: E1 - E2

CLEAR - BERRY - BLUE - GREEN - ORANGE



#### PMMA CAD/CAM disc multilayer

Multilayer variant of PoliDent PMMA CAD/CAM disc is composed by several layers of transient colors. The layering concept is optimized to match the natural color gradient of natural teeth. The final result is a highly aesthetic and economical restoration.

SHOULDER - diameter 98,5 mm

Shapes: ZZ - diameter 95 mm

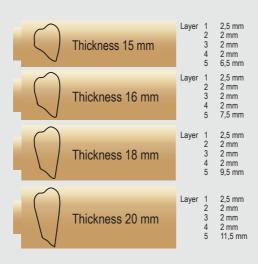
AG - diameter 100 mm

Thickness: 15, 16, 18, 20 mm

BL2 - BL3 - A1 - A2 - A3 - A3,5 - A4 - B1 - B2 - B3 - B4

Colors: C1 - C2 - C3 - C4 - D2 - D3 - D4

Multilayer discs match the natural tooth colour transitions and are therefore perfect for aesthetic temporary crowns and bridges and also a suitable solution for milling denture teeth.



The advantage of ML discs is the unnoticeable transition from the dark neck colour to the bright enamel colour.

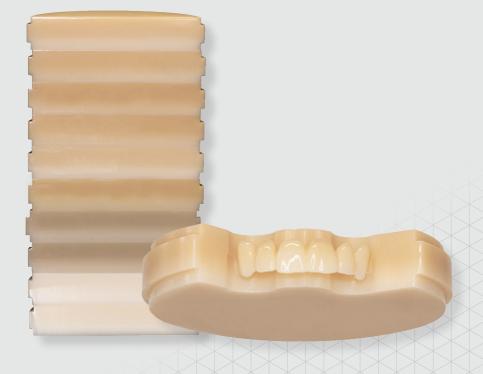
This is performed with our five layers coloring technique.

Natural looking aesthetic is

achieved.

More natural looking transluency compared to other dental materials.

Good bonding to denture bases and other PMMA materials.



### PINK CAD/CAM disc

Pink CAD/CAM disc is suitable for milling full and partial dentures and temporary immediate load implant supported dentures.

Characteristics:

	Specification	Typical average value	Method according to
Flexural strength	> 65 MPa	90 MPa	EN ISO 20795-1
Flexural modulus	> 2000 MPa	2700 MPa	EN ISO 20795-1
Sorption	< 32 μg/mm³	25 μg/mm³	EN ISO 20795-1
Solubility	< 1,6 µg/mm³	0,6 μg/mm³	EN ISO 20795-1
Residual mono- mer	< 2,2 %	0,5 %	EN ISO 20795-1

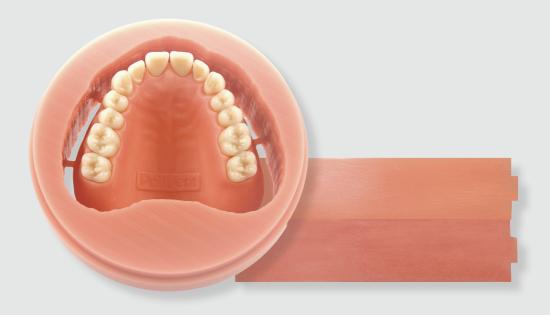
SHOULDER - diameter 98,5 mm

Shapes: ZZ - diameter 95 mm

AG - diameter 100 mm

Thickness: 20, 25, 27, 30, 35, 40 mm

Colors: pink, pink veined



### PINK CAD/CAM disc multilayer

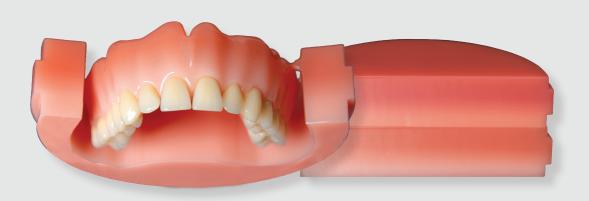
Multilayer variant of PoliDent PINK CAD/CAM DISC is composed by several layers of transient colors. The layering concept is optimized to match the natural color gradient of gingiva. The final result is a highly aesthetic and economical restoration.

Shapes: SHOULDER - diameter 98,5 mm

Thickness: 20 mm

Colors: G71 - G74

Perfect solution for milled dentures with more natural apperance.



#### CASTING CAD/CAM disc

Is used for milling castable frameworks for metal casting and pressed ceramic

Characteristics: Produced of 100% organic material that burns-out without any residual ash.

SHOULDER - diameter 98,5 mm

Shapes: ZZ - diameter 95 mm

AG - diameter 100 mm

Thickness: 12, 15, 18, 20, 25, 30 mm

milling frameworks for casting, milling of crowns, bridges and castable Intended use: layers for press ceramic, verifying frameworks on plaster model before final  $ZrO_2$  milling (especially recommended for larger  $ZrO_2$  frameworks)

Colors: clear



#### **PoliDent**

#### MODEL CAD/CAM disc

Suitable for milling dental models

This is a special, highly-compressed material with exceptional abrasion resistance. Characteristics:

The model doesn't absorbe liquids so it is recommended for ceramic layering.

Nevertheless, it has excellent milling ability. Available in two densities.

SHOULDER - diameter 98,5 mm

Shapes: ZZ - diameter 95 mm

AG - diameter 100 mm

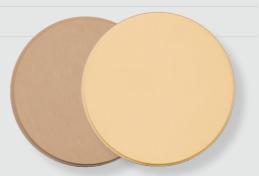
Thickness: 25 mm

Milling of stumps/ dies, working models and antagonists. Digital models Intended use:

are CAD designed from 3D data acquired with a wide range of digital

impression-taking solutions.

Colors: brown - beige



#### X-RAY CAD/CAM disc

X-ray visible disc used for milling diagnostic stents for implant planning

Contains X- ray visible powder. Homogeneous mix ensures best visibility.

Characteristics: Prevents light scattering.

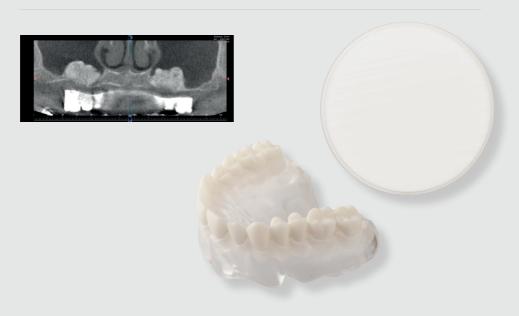
SHOULDER - diameter 98,5 mm

Shapes: ZZ - diameter 95 mm

AG - diameter 100 mm

Thickness: 12, 14, 15, 16, 18, 20, 25 mm

allows visibility of teeth setup in the X-ray CAT scan for implant planning and determination  $% \left( 1\right) =\left( 1\right) \left( 1\right) +\left( 1\right) \left( 1\right) \left( 1\right) +\left( 1\right) \left( 1\right) \left( 1\right) \left( 1\right) +\left( 1\right) \left( 1\right$ Intended use:



#### poliCUTTER milling tools

USE FOR: PMMA DISCS

	art.nr.	head dia. mm	shank dia. mm	overal lenght mm	use for
	15724	1.0	3.0	47	PMMA
AMANN GIRRBACH	15725	2.5	3.0	47	PMMA
	15726	0.6	3.0	47	PMMA
	15727	1.0	3.0	48	PMMA
IMES ICORE	15728	2.5	3.0	48	PMMA
	15729	0.6	3.0	48	PMMA
	15730	1.0	3.0	35	PMMA
VHF	15731	2.0	3.0	35	PMMA
	15732	0.6	3.0	35	PMMA
	15733	1.0	3.0	50	PMMA
ZIRKONZAHN	15734	2.0	3.0	50	PMMA
	15735	0.5	3.0	50	PMMA
	15744	2.0	4.0	50	PMMA
ROLAND	15745	1.0	4.0	50	PMMA
	15746	0.6	4.0	50	PMMA



#### PoliDent

#### poliCUTTER milling tools

USE FOR: ZIRCONIA DISCS

	art.nr.	head dia. mm	shank dia. mm	overal lenght mm	use for
	15700	1.0	3.0	48	Zr
AMANN GIRRBACH	15701	2.5	3.0	48	Zr
	15702	0.6	3.0	48	Zr
	15703	1.0	3.0	48	Zr
IMES ICORE	15704	2.5	3.0	48	Zr
	15705	0.6	3.0	48	Zr
	15706	1.0	3.0	35	Zr
VHF	15707	2.0	3.0	35	Zr
	15708	0.6	3.0	35	Zr
	15709	1.0	3.0	57	Zr
ZIRKONZAHN	15710	2.0	3.0	57	Zr
	15711	0.5	3.0	57	Zr
	15736	2.0	4.0	50	Zr
ROLAND	15737	1.0	4.0	50	Zr
ROLAND	15738	0.6	4.0	50	Zr
	15739	0.3	4.0	50	Zr



### poliCUTTER milling tools

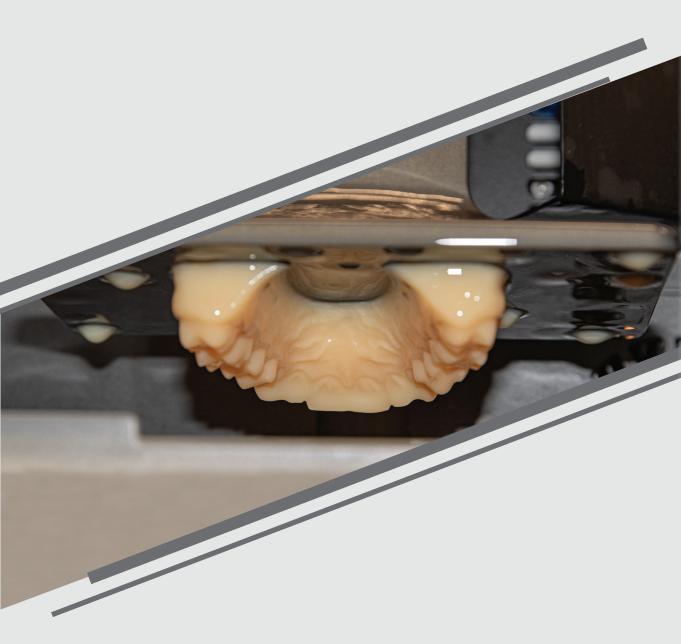
USE FOR: ZIRCONIA DISCS diamond coated

	art.nr.	head dia. mm	shank dia. mm	overal lenght mm	use for
	15712	1.0	3.0	48	Zr - with diamond
AMANN GIRRBACH	15713	2.5	3.0	48	Zr - with diamond
	15714	0.6	3.0	48	Zr - with diamond
	15715	1.0	3.0	48	Zr - with diamond
IMES ICORE	15716	2.5	3.0	48	Zr - with diamond
	15717	0.6	3.0	48	Zr - with diamond
	15718	1.0	3.0	40	Zr - with diamond
VHF	15719	2.0	3.0	40	Zr - with diamond
	15720	0.6	3.0	40	Zr - with diamond
	15721	1.0	3.0	57	Zr - with diamond
ZIRKONZAHN	15722	2.0	3.0	57	Zr - with diamond
	15723	0.5	3.0	57	Zr - with diamond
	15740	2.0	4.0	50	Zr - with diamond
DOLAND	15741	1.0	4.0	50	Zr - with diamond
ROLAND	15742	0,6	4.0	50	Zr - with diamond
	15743	0,3	4.0	50	Zr - with diamond









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# 3. 3D printing resin

3.1 poli3Dent MODEL pro

3.2 poli3Dent CLEANER



#### poli3Dent MODEL pro

Technical resin. Light-curing resin based on (meth) acrylate for additive manufacturing of dental models. Most suitable for DLP 3D printers.

Characteristics: low odour, relatively low viscosity of the liquid,

high dimensional precision of 3D printed

parts, good price-performance ratio.

Fabrication of all kinds of dental models

- working, study and presentation dental models, including models for thermoforming

appliances. For professional use.

Color: peach

Intended use:

Packing: 08201 liquid 1 kg









#### poli3Dent CLEANER

Concentrate for preparation of water-based cleaning solution intended for washing resin prints in an ultrasonic bath.

Characteristics: Oily liquid with very low volatility and odour.

Great affinity for (meth)acrylate based resins.

Color: transparent

Packing: 08202 liquid 1 kg







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# 4. Laboratory material

- 4.1 ACRYLICS
- 4.2 PUMICE
- 4.3 BRUSHES
- 4.4 INVESTMENT MATERIAL
- 4.5 CORUNDUM
- 4.6 DENTALPLASTERS
- 4.7 SILICONES

# 4.1 Laboratory material ACRYLICS

#### poliHOT

Acrylate for the fabrication of full and partial dentures by using the heat curing

 $\label{eq:Colour_matching} \text{Characteristics:} \quad \begin{array}{ll} \text{Colour matching with the acrylate for the} \\ \text{fabrication of repairs (Policold)}. \end{array}$ 

Intended use: full dentures, partial dentures

Color range: pink, pink veined, M26, M26 V

02866 Polihot powder pink - 700 g 02876 Polihot powder pink veined - 700 g

Packing: 03064 Polihot powder M26 - 700 g

03065 Polihot powder M26V - 700 g

02867 Polihot liquid - 500 ml

\*for larger orders we can arrange other quantities of packaging









Acrylate for the fabrication of partial dentures, repairs and rebasings by using the cast technique and the cold curing

Characteristics: Colour matching with acrylate for the fabrication of dentures using the heat curing (Polihot).

Intended use: partial denture, repairs, rebasings

Color range: pink, pink veined

02868 Policold powder pink - 700 g 02879 Policold powder pink veined - 700 g

02869 Policold liquid - 500 ml

Packing: 02875 Complete: Policold powder pink - 200 g,

Policold liquid - 150 ml

02885 Complete: Policold powder pink veined - 200 g,

Policold liquid - 150 ml

\*for larger orders we can arrange other quantities of packaging







#### K-30 S

Acrylate for the fabrication of full and partial dentures by using the packing / pressing technique and the classical heat curing

The use of the cold curing material Polirepar S is recommended, the colours of which matches the Characteristics: acrylate for the fabrication of prothesis by using the

heat curing (K-30 S).

Intended use: full dentures, partial dentures

pink, pink veined, PN, PN veined, M26, Color range:

M26V

02706 powder pink - 700 g 02719 powder pink veind -700g 02721 powder PN - 700 g Packing: 02722 powder PN veined - 700 g

02734 powder M26V - 700g 02736 powder M26 - 700g 02707 liquid - 500 ml

\*for larger orders we can arrange other quantities of packaging









#### poliREPARS

Acrylate for the fabrication of repairs by using the cold curing

Colour matching with acrylate for the fabrication of dentures using the heat curing Characteristics:

K-30S.

Intended use: repairs

Color range: pink, PN, PNV

02948 Polirepar S powder - 200 g

03094 Polirepar S powder PN - 200 g Packing:

03095 Polirepar S powder PNV - 200 g

02716 Polirepar S liquid - 150 ml

\*for larger orders we can arrange other quantities of packaging





### 4.1 Laboratory material ACRYLICS

#### **ORTO**poli

Acrylate for the fabrication of orthodontic appliances by using the spray-on technique and the cold curing.

Fast mixing of the powder with the liquid, the material therefore doesn't spread all over the

model. Large choice of basic colours. Characteristics:

The colouring agents are cadmium free, therefore it isn't toxic.

Intended use: orthodontic appliance

red, yellow, blue, colourless, fl. yellow, orange, Color range:

indigo blue, green, pink

02872 powder, colourless - 700 g, shaker

02873 liquid, red - 500 ml 02882 liquid, yellow - 500 ml 02883 liquid, blue - 500 ml

02884 liquid, colourless - 500 ml Packing:

02979 liquid, fl. yellow - 150 ml 02980 liquid, orange - 150 ml 02981 liquid, indigo blue - 150 ml 02982 liquid, green - 150 ml 02983 liquid, pink - 150 ml

\*for larger orders we can arrange other quantities of packaging









#### poliTEMP

Packing:

Cold – curing acrylic resin for temporary crowns and bridges

High precision and thus a better contact of the crown with the gingival area of the core. Glossy surface and minor accumulation of

Characteristics: plaque because of the non porosity of the final

product. Highly abrasion resistant. Simple correction. Not toxic.

Intended use: temporary crowns, temporary bridges

Color range: A1, A2, A3, A3,5, B3, C2, D3, Incisal

02904 powder A1 - 80 g 02949 powder A2 - 80 g 02888 powder A3 - 80 g 02889 powder A 3,5 - 80 g 02890 powder B3 - 80 g 02891 powder C2-80 g

02892 powder D3 - 80 g 02893 powder incisal - 80 g 02894 liquid - 150 ml







#### poliTRAY

Acrylate for the fabrication of individual impression trays by using cold curing

Characteristics:	Short polymerisation. Microporous surface enables a good hold to the impression material.
Intended use:	Individual impression trays
Color:	blue

02870 Politray powder - 700 g Packing: 02871 Politray liquid - 500 ml

\*for larger orders we can arrange other quantities of packaging







#### uniTRAY LC

Light-curing material in form of prefabricated upper baseplates for the fabrication of custom impression trays and bite-blocks. This material can be cured in all ultraviolet and Halogen light curing units.

Characteristics: Rigid after polymerisation.

Place the tray with the model in a light curing unit for 6 - 10 min.

Intended use: custom impression trays, bite-blocks

Color: pink

Packing: 15000 Unitray LC - box with 50 upper

baseplates.





# 4.2 Laboratory material PUMICE



Vulcanic rock for polishing of acrylics

Characteristics: Neatly cleaned.

Intended use: for polishing of acrylics in dental prosthetics

Packing: 05725 Plovec 25 kg bag 05724 Plovec 5 kg container





#### BRUSHES

Hard Brushes	07888 brush with shank 07882 FI 21 brush with shank 07880 FI 48 brush without shank
Soft Brushes	07887 brush with shank 07885 Fl 21 brush with shank
Leather Wheels	07881 Fl 85 wheel without shank
Cotton Wheels	07900 FI 100 40 wheel without shank 07901 FI 100 24 wheel without shank

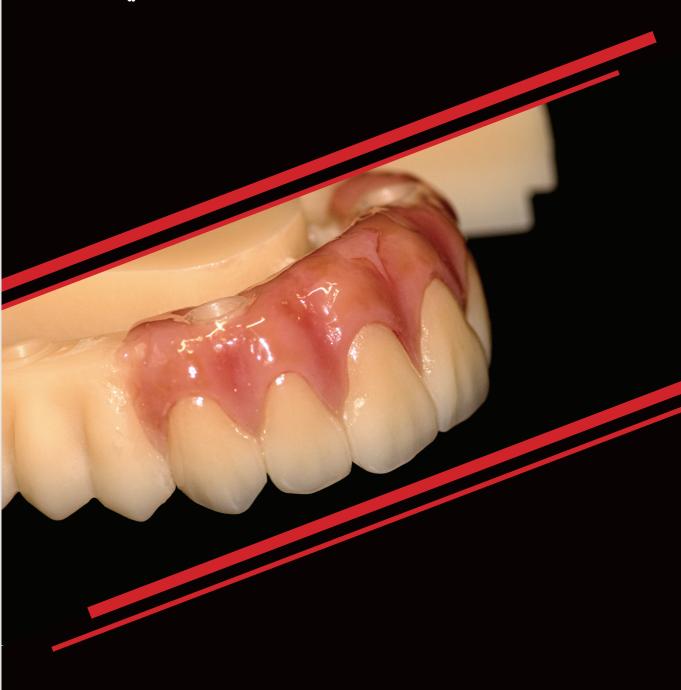












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#### poliVEST

Characteristics:

Carbon-free phosphate bonded precision casting investment for crown and bridgework of all dental alloys by quick or progressive heating procedures

Long processing time  $(19 - 24^{\circ}\text{C}) 4 - 7 \text{ min}$ Optimal flow characteristics make investing easier and help to prevent unwanted air bubbles.

Evnan

Expansion is precisely regulated by varying the concentration of the expansion liquid with

water.

Fast heating up out reduces the processing

time and increases productivity.

Easy separation from the casting object after

cooling.

Intended use: crowns and bridgeworks

Packing: 05844 Polivest powder - 6 kg (40 x 150 g)

05825 Polisol universal liquid - 1l bottle







#### poli**TERM speed**

A fine grained model casting investment material for fast burn out as well as for traditional slow heating processes. It is suitable for partial dentures and high-quality combination works

Equally suitable for gel and silicone duplication.

Conventional or rapid heating up with ideal

expansion values.

Characteristics: Rapid preheating: the insertion temperature is 600°C, this results in time savings compared to investment materials that have to be heated

conventionally.

Intended use: partial dentures,

high-quality combination work

Packing: 05887 Politerm speed powder - 8 kg (20 x 400 g)

05825 Polisol liquid - 1l bottle







#### univeCAST

Universal phosphate bonded casting investment material for model crown and bridgework as well as casting technique by quick or progressive heating procedure and for pressable ceramics

> Universal application, one investment for model castings, combination works,as well as crowns and bridges.

> Specially developed for casting non-precious

dental alloys. Characteristics:

Casting is simple even with ringless technique. For quick heating, place the cylinder into the furnace at the final burnout temperature and casting can commence within an hour; this

allows considerable time savings.

crowns and bridgeworks, Intended use: Co-Cr model castings,

high-quality combination works

05904 Univecast powder - 6 kg (40 x 150 g)

05825 Polisol liquid - 11 bottle









#### poli**PRESS**

Packing:

A phosphate bonded casting investment material for pressable ceramics

Perfect fit.

High degree of precision. Characteristics:

Quick heating.

High compression strength.

full ceramics,

Intended use: press-over-zircon ceramics,

press-over-metal ceramics

05934 Poli Press powder - 6 kg (60 x 100 g) Packing:

05832 Poli Press liquid - 11 bottle







# 45 Laboratory material CORUNDUM

### poli**KORUND**

99,8% Aluminium Oxyde ( ${\rm Al_2O_3}$ ) for blasting



PoliDent Creating smiles since 1958



#### **DENTAL PLASTERS**



#### **ALABASTER**

Particularly multiple-purpose dental plaster – Type 2

White colour and odourless.

Mixtures of calcium sulphate with other

additives.

Characteristics: Mix ratio: water (ml) / plaster (g) - 60 / 100.

Expansion: 0,16 %. Setting time: 10 - 14 min. Working time: 5 - 6 min.

models for impression trays for partial and

total dentures,

Intended use: models for supporting and reparation of

dentures, study models

05801 Alabaster 5 kg plastic container

Packing: 05720 Alabaster 20 kg plastic container 05802 Alabaster 25 kg bag



#### poliDUR

Hard dental plaster - Type 3

Blue colour and odourless.

Mixtures of calcium sulphate with other

Characteristics: additives.

Mix ratio: water (ml) / plaster (g) - 30 / 100. Expansion: 0,18 %. Setting time: 7 - 12 min.

models for partial and total dentures,

models for orthodontic appliances,

Intended use: models for supporting and reparation of

dentures, study models

05754 Polidur 5 kg plastic container Packing: 05744 Polidur 20 kg plastic container

05864 Polidur 25 kg bag



#### **DENTAL PLASTERS**

#### poliSTONE

Very hard dental plaster - Type 4

Beige colour and odourless. Mixture of calcium sulphate and additives. Mix ratio: water (ml) /

Characteristics: plaster (g) - 22 / 100.

Expansion: 0,09 %. Setting time: 12-14 min.

working models, antagonistic models, models for partial and total dentures,

for use in implantology,

Intended use: models for orthodontic appliances,

models for supporting and reparation of

dentures, study models

05828 Polistone 5 kg plastic container 05831 Polistone 20 kg plastic container Packing:

05830 Polistone 25 kg bag



#### prima ART

Hard dental plaster - Type 1

White colour and odourless.

Mix ratio: water (ml) / plaster (g) - 63 / 100.

Characteristics: Low setting expansion: 0,09 %.

> Fast setting time: 3 min. Fast working time: 60 - 90 sec.

the special plaster Prima art is used

Intended use: to fix models on the articulator,

applications with short setting time

05907 Prima art 5 kg plastic container Packing:

05908 Prima art 20 kg plastic container



#### prima ROCK

High strength die stone - Type 4

Yellow colour and odourless. Mix ratio: water

(ml) / plaster (g) - 20 / 100. Characteristics: Low setting expansion: 0,13 %.

Fast setting time: 12 min.

Short working time: 6 - 8 min.

working models, antagonistic models, models for partial and total dentures, models for Intended use:

orthodontic appliances, models for supporting and reparation of dentures, study models, for

use in implantology

05911 Prima rock 2 kg plastic container Packing:

05925 Prima rock 5 kg plastic container 05913 Prima rock 20 kg plastic container





#### poliSILICONE

Addition-curing two-component duplicating silicone

Compatible with stone and phosphate materials.

Models are easily removed.

Extremely precise and dimension stable.
High elasticity.
Hardness Shore A: 24-26.
Color: catalyst - white, base material - pink. Characteristics:

Intended use: for duplicating models in dental laboratories

Packing: 06957 Poli silicone (24 shore) A+B



PoliDent Creating smiles since 1958







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# 5. Dental practice material

#### 5.1 DISPOSABLE PRODUCTS

#### PROTECTIVE MEDICAL GLOVES

#### **LATEX**

Characteristics: Non-sterile premium latex exsaminatium gloves

#### **GLOVES KING CHLORINTED-MICRO-TEXTURED**

natur 100 pcs

1. powder-free:

16525 XS, 16526 S, 16527 M, 16528 L

2. with powder:

16535 XS, 16536 S, 16537 M, 16538 L

Packing:

#### **GLOVES KING PEPPERMINT FLAVOURED**

green 100

1. powder-free:

16560 XS, 16561 S, 16562 M, 16563 L

2. with powder:

16520 XS, 16521 S, 16522 M, 16523 L



#### **NITRIL**

Characteristics: non sterile nitrile exsamination gloves

**GLOVES KING NITRIL** 

Packing: blue 100 pcs

1. powder-free:

16529 S, 16517 M, 16519 L





#### PROTECTIVE MEDICAL APRON

Layered super absorbent 100 % pure cellulose.
One layered polyethilene.

Characteristics:

Water proof.

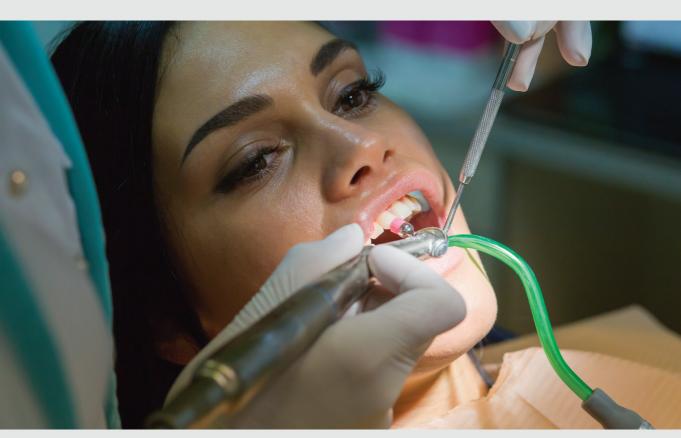
07864 patient apron 53 x 80, green, roll, 60 pcs 07865 patient apron 53 x 80, blue, roll, 60 pcs

07866 patient apron 53 x 80, white, roll, 60 pcs Packing: 07912 patient apron 53 x 80, orange, roll, 60 pcs

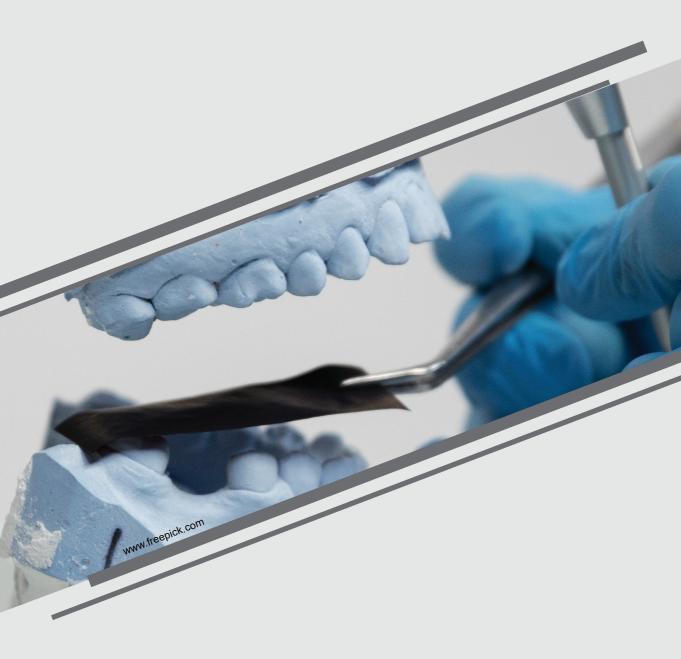
07914 patient apron 53 x 80, pink, roll, 60 pcs 07917 patient apron 33 x 45, green, 500 pcs 07921 patient apron 33 x 45, blue, 500 pcs











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# 6. Other selling products

6.1	SHELLAC BASE PLATES
6.2	SCULPTURING WAX SPEZIAL
6.3	FLEXISTONE Standard
6.4	FLEXISTONE Plus
6.5	SILAPLAST Futur
6.6	SILAPLAST Futur cat f - lyquid
6.7	SILASOFT Normal
6.8	CAT PUNIVERSAL Futur - paste
6.9	BLUEECO
5.10	BLUEECOSTONE





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## SHELLAC BASE PLATES

SHELLAC BASE PLATES - PINK Allergy-free and sustainable work in a dental laboratory with natural shellac base plates

Easily and uniformly processed with heat Dimensionally stable (retains shape during

try-in in patient mouth)

Available in two versions for maxilla and

mandible

Characteristics:

Material thickness approx. 1.3 mm

Individual impression trays

Making dentures: Base material for bite impressions and tooth lineups Intended use:

Packing: 15114 maxilla 100 plates





Other selling protucts

# SCULPTURING WAX SPEZIAL

Pink base plate wax summer quality (mediumhard) and winter quality (soft)

The "allrounder" among the base plate waxes.

Summer quality with a solidification point of 56°C and winter quality with a solidification Characteristics:

point of 54 °C. Size of the single plate: 175 x 80 mm. Sheet thickness: 1,5 mm

Total and partial dentures, Bite Rims & Intended use: Registration, Modelling wax plates

12166 winter 500 g Packing: 12040 summer 500 g





# FLEXISTONE Standard

Insulating and modelling material

Characteristics:

C-silicone based, light bodied, excellent stability, very high final hardness (75 Shore A). For insulating acrylic or porcelain teeth

during investing.

Can be easily applied in one single procedure onto acrylic teeth and wax, forming a thin,

Intended use: very hard insulating layer for fixing of teeth during pressing. No retention crystals are

required.

Color: green

06966 bottle with stand of (350 g)

190 ml / catalyst, bottle of 30 ml Packing:

mixing bowl 1 pc







6.4 Other selling products

# FLEXISTONE Plus

Insulating and modelling material

A-silicone based, light bodied, excellent stability, very high final hardness (85 Shore A).

Optimum flow properties during spatulation. Characteristics: Protection of acrylics and acrylic teeth against

plaster. Easy application - 1:1 mixing system. Especially indicated for use with injection

moulding techniques.

Intended use: For insulating dentures during investing

Color: Base blue, Catalyst white 1:1

06863 base bottle 160 ml with stand

Packing: catalyst bottle 160 ml with stand

mixing bowl 1 pc





### SILAPLAST Futur

Precision impression silicone for dental prosthetics, tray material for correction impressions (two-step), double-mix technique (single-step) and anatomic impressions

# SILAPLAST Futur - putty

Base mase for precision impression silicone for dental prosthetics

Very high consistency, smooth initial consistency - ideal final hardness and elastic

Characteristics: strength.

New type of formula, less shrinkage than

common C-silicones.

Color: white

Packing: 06746 jar 900 ml



Siutable catalysts:

Other selling protucts 6.6

# SILAPLAST Futur cat f-liquid

Catalyst liquid suitable for silaplast Futur Putty

Quality catalysts for C-silicones, with new hardener matrix, hypoallergenic, pleasant odour and taste. Blue coloured for exact measuring and mixing control. Characteristics:

Color: blue

Packing: 06924 bottle 50 ml



# 6.7 Other selling products

## SILASOFT Normal

Precision impression material

Characteristics:	low consistency – light bodied, new type of formula, for correction of preliminary impressions, for the double-impression and double-mix technique. Can be used with catalyst paste cat p universal Futur.
Intended use:	correction material, sprayable, for correction impressions (two-step), double-mix technique and anatomic impression (single-step), relining impression
Color:	rose-opaque
Packing:	06751 bottle 160ml



#### Siutable catalysts:

# 6.8 Other selling products

Characteristics:

# CAT PUNIVERSAL Futur - paste

Catalyst paste suitable for silaplast Futur Putty

Quality catalysts for C-silicones, with new hardener matrix, hypoallergenic, pleasant odour and taste. Blue coloured for exact

measuring and mixing control

Color: blue

Packing: 06845 tube 35 ml



### **BLUE ECO**

Putty for the dental laboratory

Addition curing, very high, easily kneadable consistency. Precise detail rendition, stable in shape and volume, smooth, heat-resistant up

to 200 °C, standard final hardness 86 Shore Characteristics: A. Excellent mechanical properties, easy to cut. High economy, optimum mixing control by

contrast colours.

For versatile use (secure fixation of artificial Intended use: teeth, precasts, checkbites, models, insulation

of teeth in flasking, etc.).

Color: Base blue, Catalyst beige 1:1

06952 base jar of 800 g catalyst jar of 800 g Packing:

measuring scoops 2 pcs





Other selling protucts 6.10

# **BLUE ECO STONE**

Laboratory putty, A-silicone based

High viscosity, smooth initial consistency. Characteristics:

High definition, dimensionally stable, especially smooth, heat-resistance up to 200 °C. Extra high final hardness, approx. 96 Shore A. Very economical, easy to cut.

For versatile use (fabrication of precasts, Intended use: checkbites, models for denture repairs,

blockings-out, etc.).

Color: Base dark blue, Catalyst white 1:1

06918 base jar of 800 g

catalyst, jar of 800 g Packing: measuring scoops 2 pcs





#### We are selling to

ALBANIA

ALGERIA

ARMENIA

AUSTRALIA

AZERBEIJAN

BANGLADESH

**BELARUS** 

BELGIUM

BOSNIA & HERZEGOVINA

BULGARIA

CANADA

CHILE

CROATIA

**CYPRUS** 

CZECH REPUBLIC

DENMARK

**ESTONIA** 

FINLAND

**FRANCE** 

GEORGIA

**GERMANY** 

GREECE

GUATEMALA

HUNGARY

ICELAND

INDIA

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ITALY JAPAN

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KUWAIT

KYRGYZSTAN

LATVIA

LEBANON

LITHUANIA

LUXEMBURG

MALTA

MOLDOVA

MONACO

MONTENEGRO

MOROCCO

NETHERLANDS

NEW CALEDONIA **NEW ZEALAND** 

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SEYCHELLES

SLOVAKIA

SLOVENIA SOUTH AFRICA

SPAIN

SWEDEN

**SWITZERLAND** 

TURKEY

UAE

UKRAINE

VIETNAM







... but, we are still looking for new opportunities.



#### **VALUES**

When working with our employees, users and business partners, we value quality, responsibility, and cooperation that constitute the basics of our operations - this is how we strengthen the mutual confidence.

#### **QUALITY**

Our products and materials assure optimal care and aesthetically sophisticated solutions.

We reach our constant quality by complying with the quality standards, procuring quality resources, and with strict control and standardisation of processes in addition to introducing innovative approaches.

#### RESPONSIBILITY

We are innovative.

We seek the best solutions.

We invest in knowledge and development.

We set high standards.

We fulfil our agreements and hold to our goals.

We are constantly improving ourselves.

#### **COOPERATION**

We seek optimal solutions for our users in cooperation with distributors and dental experts.

We know how to lend an ear and respond to market needs.

Our major advantage is our flexibility. In our joint quest for seeking solutions and mutual support we overcome obstacles and achieve better results.



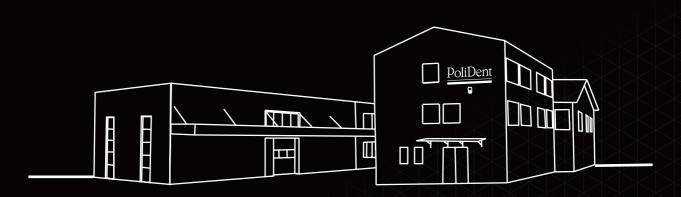
#### A SMILE

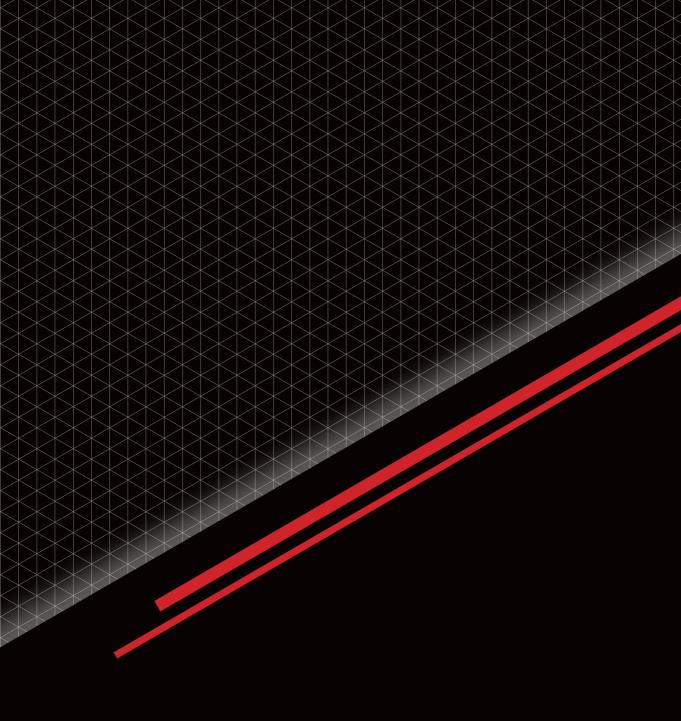
A SMILE costs nothing, yet it does wonders. It enriches the one to whom it's dedicated while not impoverishing the one giving it. It shines like a sunray, but the memory of it may last forever. Nobody is too rich or too poor to be able to afford it. It can only bring advantage to everybody.

A SMILE brings happiness to your home, a greeting to your friend and helps you when doing business. It brings rest to the one who's tired, a signpost to the one who's lost, a sunray to the one who's sad and is the best cure for anger.

It's impossible to purchase, borrow or steal it because it's valuable only when it's given away.

(Mila Kačič)







# PoliDent d.o.o. dental products industry

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