

# Livera $\alpha$

Alpha-CH Acrylic Teeth

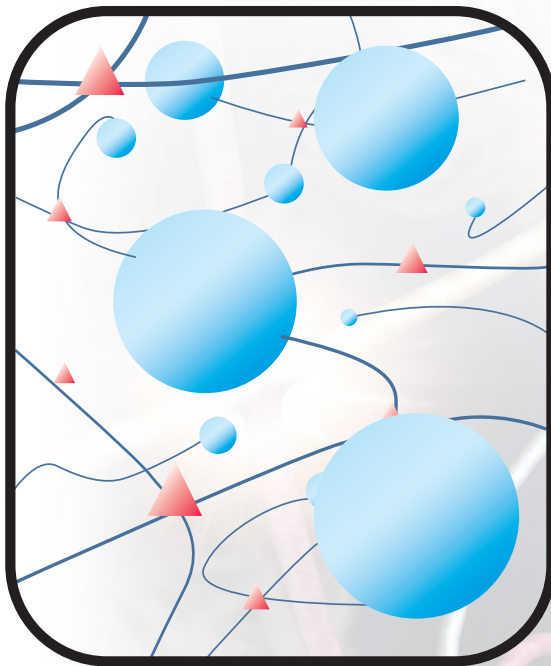


# Livera $\alpha$

Livera  $\alpha$ , the next generation Livera exceeds expectations in its class of resin teeth with life-like aesthetics and optimal biological function combined with high impact and stain resistance due to the innovative  $\alpha$ -CH polymer technology.

Livera  $\alpha$ -CH polymer chemistry features a densely polymerized Core polymer and highly cross-linked Network polymer that imparts superior mechanical properties. Homogeneous inclusion of polymerization catalyst ensures a higher degree of conversion and a more cross-linked network that results in a strong and stable material.

## Livera $\alpha$ Chemistry



Core  
Polymer



Network  
Monomer



Intelligent  
design of  
**Livera  $\alpha$**   
Anterior &  
Posterior  
harmonized with  
natural aesthetics,  
form & function

## In HARMONY with NATURE

**Livera $\alpha$**  is designed on the basis of the Harmony form to mimic natural teeth. The 3 Harmony basic forms – Square, Ovoid & Tapering are further expanded to Short Square & combination forms that are also determined by the shape of the patient's face and arch.

3 popular Harmony forms have been selected for **Livera $\alpha$**  from among the extended range for ease of mould selection and to suit a diverse group of patients.

**Harmony Combination – HC**  
**Harmony Short Square – HSS**  
**Harmony Tapering – HT**

## LIFE-LIKE Aesthetics

**Livera $\alpha$**  is created with ultrafine yet highly crosslinked polymer network, to mimic the same level of aesthetics as **Livera** and exhibits a chroma-intensive cervical area with natural translucency at the incisal edge for a more vital life-like prosthesis. Prominent mamelons and distinct developmental lobes on the labial surface impart a life-like 3 dimensional appearance to the **Livera $\alpha$**  anterior teeth.

### OPALESCENCE

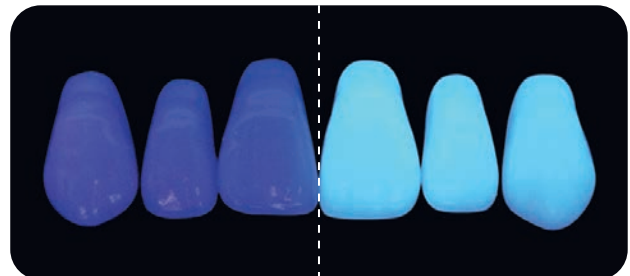


Natural Teeth



Livera $\alpha$

### FLUORESCENCE



Conventional  
Acrylic Resin Teeth

Livera $\alpha$



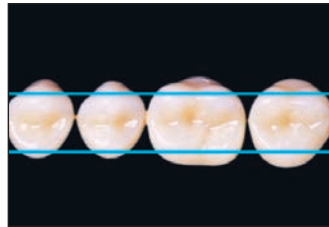


# NATURAL Form & Function

The natural anatomic design of **Livera  $\alpha$**  Posterior is enhanced to surpass conventional resin teeth with a stable bilaterally balanced occlusion, optimal biological function and aesthetic form.



Upper Occlusal View of **Livera  $\alpha$**  Posterior



Upper Occlusal View of BIOTONE®

## Wide Bucco-Lingual Distance

The bucco-lingual width of **Livera  $\alpha$**  is designed to closely match the natural teeth so that it ensures stability in both partial and complete denture prostheses.



**Livera  $\alpha$**



BIOTONE®

## Large Base Retention Cavity

The large retention cavity on the base of **Livera  $\alpha$**  ensures a more reliable bond to the denture base material and better retention of clasps. It is also easier to grind while adjusting the length of the crown.

## Mirror Image

**Livera  $\alpha$**  is symmetrically designed by digital mirror imaging, to produce accurate bilateral contact points.

Upper Centric Occlusion of **Livera  $\alpha$**  Posterior



Lower Centric Occlusion of **Livera  $\alpha$**  Posterior

## Deep and Sharp Spillway

**Livera  $\alpha$**  Posterior has a deep and sharp spillway to masticate efficiently and promote fluidity of food. Spillway can be maintained even after usual grinding or adjustment.



Spillway of **Livera  $\alpha$**  Posterior

## Unique Tooth Contour

**Livera  $\alpha$**  Posterior is designed with a unique contour for a smooth flow from the teeth to the denture base ensuring easy maintenance of the patient's oral hygiene.



# LIFE-LIKE Shades & Natural Harmony Form

Livera *α* comes in 16 Vita classical shades and exhibit fluorescence similar to natural teeth.  
 Livera *α* Anteriors come in a total of 3 Harmony forms in 4 sizes.

|              |                  |   |
|--------------|------------------|---|
| <b>Mould</b> | <b>Anterior</b>  | <b>12 types</b><br>(HT3, HT4, HT5, HT6,<br>HC3, HC4, HC5, HC6,<br>HSS3, HSS4, HSS5, HSS6)       |
|              | <b>Posterior</b> | <b>4 types</b><br>(M28, M30, M32, M34)  |
| <b>Shade</b> | <b>Anterior</b>  | <b>VITA: 16 shades</b><br>(A1, A2, A3, A3.5, A4, B1, B2, B3, B4,<br>C1, C2, C3, C4, D2, D3, D4) |
|              | <b>Posterior</b> |   |

Livera *α* is fully anatomical with a molar cuspal angle of 33°

## RECOMMENDED Size Combination Chart

(ANTERIOR - POSTERIOR)

| Livera <i>α</i> Anterior |     |      | Livera <i>α</i> Posterior |
|--------------------------|-----|------|---------------------------|
| HC3                      | HT3 | HSS3 | M28                       |
| HC4                      | HT4 | HSS4 | M28, M30                  |
| HC5                      | HT5 | HSS5 | M30, M32                  |
| HC6                      | HT6 | HSS6 | M32, M34                  |

# Livera *α* Anterior

Tapering

HT3

9.4  
7.5  
39.1  
-----  
8.6  
4.6  
31.3



HT4

10.4  
8.0  
41.8  
-----  
9.1  
5.0  
32.8



Short  
Square

HSS3

9.3  
7.6  
39.6  
-----  
8.0  
4.9  
31.5



HSS4

9.4  
8.0  
41.9  
-----  
8.5  
5.2  
33.2



Combination

HC3

9.5  
7.6  
40.0  
-----  
8.6  
5.1  
33.0



HC4

10.5  
8.0  
43.6  
-----  
8.9  
5.3  
34.3



# Livera *α* Posterior

M28

28.0  
9.4  
8.9  
-----  
30.4  
9.2  
9.1



M30

30.0  
10.0  
9.5  
-----  
32.6  
9.9  
9.8



Anterior  
Measurement  
[mm]

UPPER

Length of central incisor (minus collar)  
Width of central incisor  
Width of 6 anterior (flat)

LOWER

Length of central incisor (minus collar)  
Width of central incisor  
Width of 6 anterior (flat)

Posterior  
Measurement  
[mm]

UPPER

Width of 4 posterior  
Length of first premolar (minus collar)  
Width between buccal & lingual of first molar

LOWER

Width of 4 posterior  
Length of first premolar (minus collar)  
Width between buccal & lingual of first molar

# MOULD CHART

**HT5**

10.9  
8.6  
44.5  
-----  
9.9  
5.2  
34.7



**HT6**

11.5  
9.0  
47.0  
-----  
10.5  
5.5  
37.0



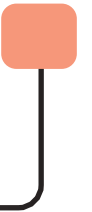
**HSS5**

9.9  
8.5  
44.3  
-----  
9.0  
5.6  
35.5



**HSS6**

11.0  
9.0  
47.5  
-----  
10.0  
5.8  
38.0



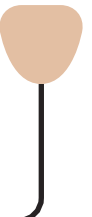
**HC5**

10.9  
8.5  
45.6  
-----  
9.6  
5.6  
36.3



**HC6**

11.5  
9.0  
48.0  
-----  
10.0  
6.0  
38.5



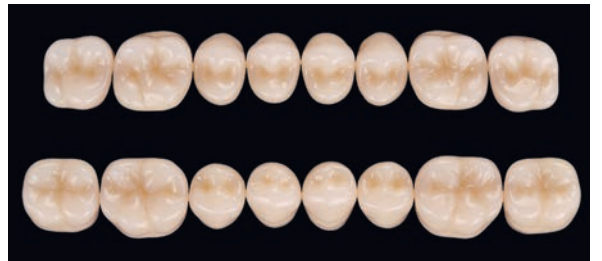
**M32**

32.0  
10.7  
10.1  
-----  
34.8  
10.5  
10.4



**M34**

34.0  
11.4  
10.7  
-----  
37.0  
11.2  
11.1



Above pictures show the standard combination of the upper and lower anteriors. Any combination of the upper and lower anteriors can be chosen and ideally matched depending on the clinical case.





## Order Information



**Livera  $\alpha$  Anterior**  
Packed in a set of 6's (16 sets per box)



**Livera  $\alpha$  Posterior**  
Packed in a set of 8's (12 sets per box)



**Livera  $\alpha$  Full Set of 28's**



**Livera  $\alpha$  Shade Guide**

## Related Products



**Provincie**  
Powder 50gm & 250gm,  
Liquid 100ml & 250ml



**Acrylic Contouring & Finishing Kit**  
AcryPoint x 8, Coarse Grit x 4, Medium Grit x 2,  
Fine Grit x 2, Robot Carbide Burs x 4



**SHOFU DENTAL ASIA-PACIFIC PTE. LTD.**  
1 Science Park Road, #01-01 / 02 The Capricorn, Singapore Science Park II,  
Singapore 117528 Tel: (65) 6377 2722  
eMail: mailbx@shofu.com.sg www.shofu.com.sg



LVA20230930