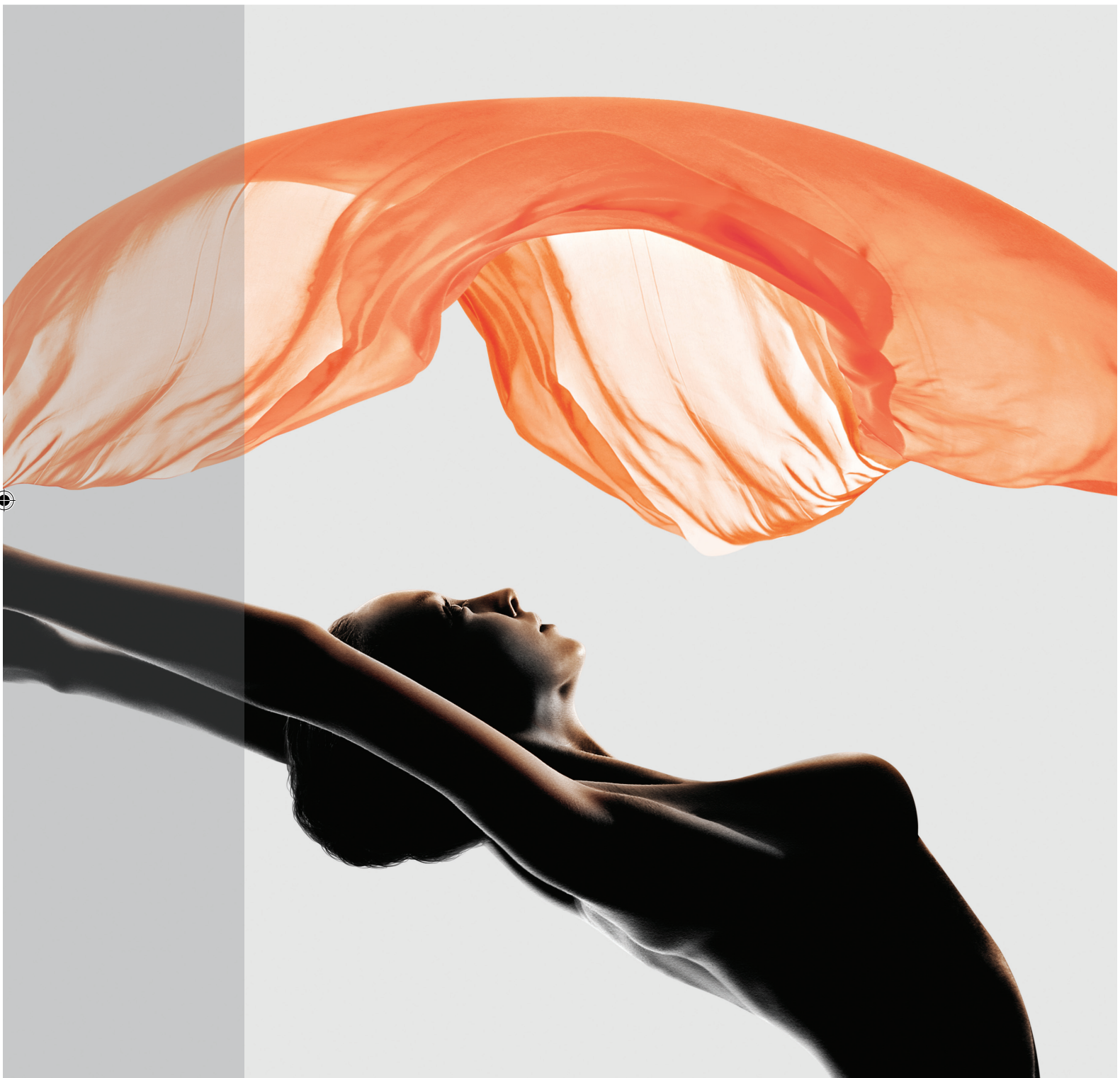




MAMMARY IMPLANTS

# BioDesign<sup>collection</sup>

PURE POLYURETHANE TRUE TEXTURE



**SILIMED**  
passion inspiring science





PASSION INSPIRING SCIENCE.





# SILIMED

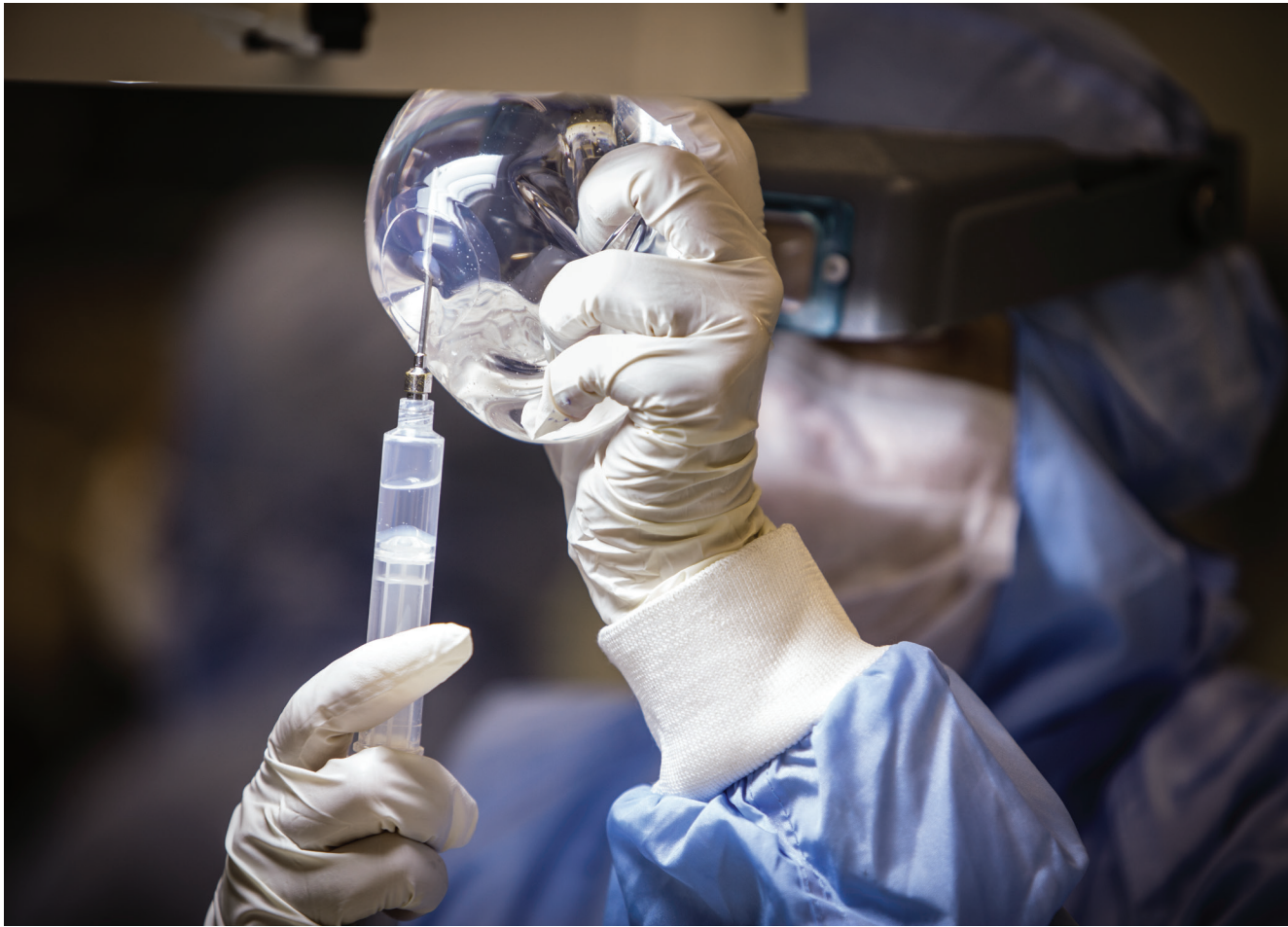
## 35 YEARS OF LAUNCHING NEW GENERATIONS OF SILICONE IMPLANTS IN THE WORLD.

Founded in 1978, Silimed serves the areas of plastic surgery, urology and treatment of obesity. The company offers the largest and most diverse line of products for plastic surgery on the market. With a catalog of more than five thousand items, it exports to more than 75 countries on the five continents.

Silimed products are made with raw materials of top-notch quality and state-of-the-art technology. It was the first company in the world to identify each product with an individual serial number, which assures full traceability control of its products, providing more safety to doctors and patients.

Due to this great zeal, SILIMED has been marketing elastomer implants in the demanding North American market since 1999, being the first manufacturer located outside of the USA to have its silicone gel mammary implants, smooth and textured, approved in the USA by the FDA (U. S. Food and Drug Administration). Silimed implants also have the CE mark (European Community) and are approved by ANVISA (National Agency for Sanitary Vigilance) and main regulatory agencies in the world.





**LARGEST**  
MANUFACTURER  
OF SILICONE  
IMPLANTS IN  
SOUTH AMERICA.

**LARGEST**  
MANUFACTURER  
OF BREAST  
IMPLANTS IN  
SOUTH AMERICA.

**1<sup>ST</sup>** IN SALES  
IN BRAZIL.  
**3<sup>RD</sup>** IN SALES IN  
THE WORLD.

**1<sup>ST</sup>** MANUFACTURER LOCATED OUTSIDE THE USA  
TO HAVE ITS SILICONE GEL MAMMARY IMPLANTS,  
SMOOTH AND TEXTURED, ROUND AND ANATOMICAL,  
APPROVED IN THE USA BY THE FDA.

## CERTIFICATIONS

### USA

Company inspected by the FDA (Food and Drug Administration).

Raw materials of North American origin duly registered with the FDA.

In 2012, the FDA announced the approval of PMA for Sientra Inc., which allows marketing in the USA of mammary implants, silicone gel, smooth and textured, round and anatomical, manufactured by Silimed.

### BRAZIL

Facilities and production processes inspected and all products registered with the National Agency for Sanitary Vigilance (ANVISA), Ministry of Health.

INT/INMETRO Certification for Silicone Gel Mammary Implants.

### EUROPE

Quality System are ISO 9001 and EN ISO 13485 certified. Products with certification and CE mark (European Community).

### OTHER COUNTRIES

Silimed acts in compliance with all formal requirements from each ministry of health in the countries where its products are distributed.







## THE MAIN DISTINCTION OF THE BIODESIGN COLLECTION

The main distinction of the BioDesign Collection is the innovative concept that Silimed presents to the market. In this collection, the surgeon chooses the implant according to the measurements of the patient's breast, choosing the size of the product's base. The BioDesign Collection provides four different projections for each base selected, thus, the volume of the implant is a result of this decision.





# BioDesign<sup>collection</sup>

PURE POLYURETHANE TRUE TEXTURE

## HEALTH, AESTHETICS AND SAFETY. IN OTHER WORDS: TECHNOLOGY.

One of Silimed's most recent innovations, the line of BioDesign silicone gel mammary implants has been developed to suit every woman's biotype in a custom-made manner. The BioDesign Collection is distinguished by the variety of the implants' base and profile shapes. This diversity of shapes and sizes provides the surgeon with more options for successfully choosing the ideal model.

Filled with high-performance cohesive gel (HSC), BioDesign implants present a flat and malleable base, adapting to the chest wall and maintaining the chosen projection. Its thin and flexible borders are less sensitive to the touch, leaving the implant less marked. Since the base is flat, the implant is filled with more gel (with high resiliency and memory) and therefore it does not present a tendency to deform after implantation, leaving the breasts with a natural appearance.

**HSC**  
HIGH STRENGTH COHESIVE  
SILICON GEL





ADVANCE

**CONICAL**

model exclusively provided by Silimed, available only with polyurethane surface.



MAXIMUM

**ROUND**



NATURAL



ENHANCE



NUANCE

**ANATOMICAL**

Five different models of implants with different profiles:

There are four different projections for the same size of base for each type of shape.



XH • EXTRA HIGH



HI • HIGH



MD • MODERATE



LO • LOW

## MEASURE D

In order to facilitate the doctor's decision, measure D was added to the Silimed tables, which measures from the base to the top of the implant, where a colored marker was placed to provide guidance for the desired positioning in relation to the nipple-areola complex.

The use of this measure depends on the choice of the surgeon, but it is recommended that the top corresponds to the areola, which also serves to create the neo-fold. Some specialists follow slightly different methods, adapting this technique to their own.







## FINE ADJUSTMENT AND BETTER IMPLANT POSITIONING.

The BioDesign Collection offers different tools to the doctor in order to ensure the best result, always respecting his/her expertise. The surgeon adapts the use of these tools to his/her technique.

### SIZERS

Sizers are available for the BioDesign line for a fine adjustment at the time of surgery. The surgeon carries out a pre-operative evaluation in the consultation room and chooses the most suitable model for the objective.

In addition to the implant of the size chosen, it is possible to provide one pair above and one pair below that size. Nevertheless, it is important that, during the trans-operative period, the doctor uses the sizer equivalent to the requested implant, in order to confirm or correct the original choice.

### MARKERS AND GUIDANCE LINE

All anatomical implants present a conventional vertical line and a marker on the superior part in addition to markers in relief on the base to allow for a perfect tactile positioning.



### IMPORTANT

- The dimensions and volumes described in the tables are presented with approximate values.
- Before using the product and in order to obtain more information, we recommend that you read the Instructions for Use, enclosed in the packaging.
- Silicone can present variation in color, ranging from opaque gray to translucent yellow.
- It is important that the doctor always have a spare product available during the surgical procedure.



## HSC - HIGH PERFORMANCE COHESIVE GEL

This gel has been specially developed with a polymeric structure, resulting in fewer occurrences of fracture and perfect cohesiveness. HSC is soft enough to simulate the feel of natural tissue of the breasts, and firm enough to maintain the shape of the implant.

- Resistance without fracturing the gel.
- Softness without compromising the form of retention.

### BARRIER TECHNOLOGY WITH LOW-BLEED SHELL

The shells manufactured by Silimed present several barrier layers, resulting in "low-bleed" implants.





## TYPES OF SURFACE

Get to know the brands of mammary implant offered by Silimed, developed according to state-of-the-art technology and following strict quality standards: **Pure Polyurethane and True Texture.**



# PURE POLYURETHANE

## SUPERIOR PERFORMANCE IN MAMMOPLASTIES, WITH THE LOWEST RATES OF CAPSULAR CONTRACTURE.

The BioDesign Pure Polyurethane implant presents significant advantages when compared to traditional solutions. The polyurethane foam combined with the market's best performance gel with high elasticity and memory is the solution that presents the lowest rate of capsular contracture.

Scientific studies conducted over the past 20 years that include a large number of patients with polyurethane foam coated implants, indicate very low rates of capsular contracture. In some cases the result is as low as approximately 1% (\*) after ten years of implantation.

### BETTER ADHESION OF IMPLANT WITH NO RISK OF ROTATION.

BioDesign Pure Polyurethane's excellent performance is attributed to the micro-encapsulation of fibroblasts on the matrix of polyurethane foam. Due to this active scarring process, what is observed is the formation of numerous small capsules, neutralizing the vectors of contraction, instead of the formation of a single linear capsule with large contractile capacity – as occurs around smooth and textured implants. As a result, the occurrence of capsular contracture is drastically reduced. Another benefit of the polyurethane foam is its ability to adhere to the tissue, thus reducing the occurrence of displacement or rotation of the implant to virtually zero.

Since the risk of occurrence of capsular contracture is reduced, the BioDesign Pure Polyurethane implants present superior performance in mammoplasty, resulting in natural breasts that feel soft to the touch.

\* PITANGUY I, Salgado F, Radwanski HN, Stersa RM. Estágio atual dos implantes mamários. *Plastikos, Revista da Sociedade Brasileira de Cirurgia Plástica*, 81: 291, 1991; VÁZQUEZ G. A ten-year experience using polyurethane-covered breast implants. *Aesthetic Plastic Surgery*, 23: 189, 1999; VÁZQUEZ G & Pellón A. Polyurethane-coated silicone gel breast implants used for 18 years. *Aesthetic Plastic Surgery*, 31: 330, 2007.

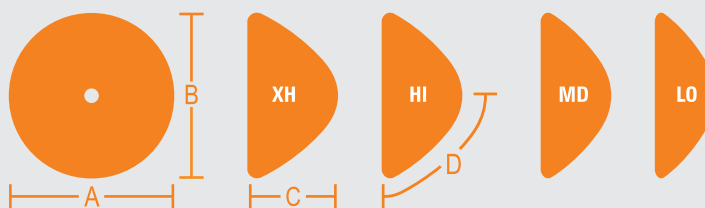




### ADVANCE

30535

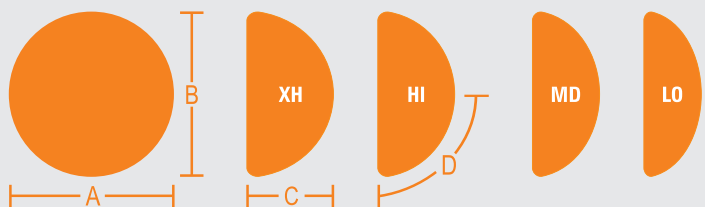
ROUND BASE  
CONICAL PROFILE  
MEDIUM POLE



### MAXIMUM

30622

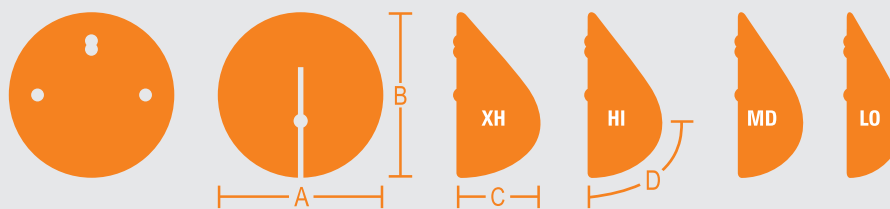
ROUND BASE  
SPHERICAL PROFILE  
MEDIUM POLE



### NATURAL

30637

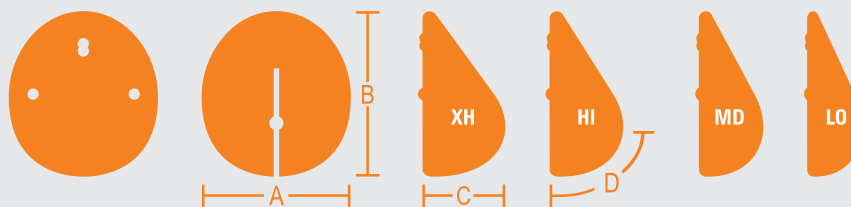
ROUND BASE  
TEARDROP PROFILE  
MEDIUM POLE



### ENHANCE

30674

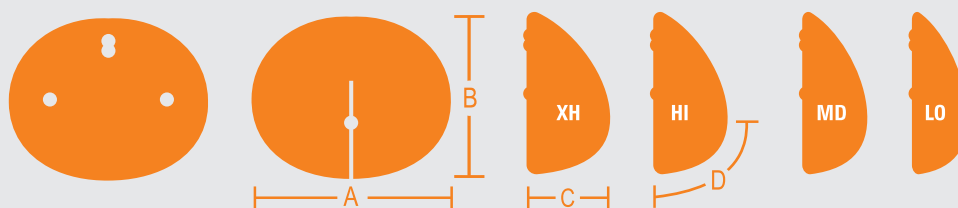
OVAL BASE  
ANATOMICAL PROFILE  
SUPERIOR POLE



### NUANCE

30646

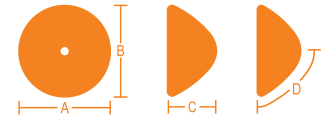
OVAL BASE  
ANATOMICAL PROFILE  
INFERIOR POLE



REF	A	B	cm		VOL cm <sup>3</sup>
			C	D	
150 XH	8,8	8,8	5,0	7,0	150
140 HI			4,5	6,6	140
125 MD			4,0	6,2	125
105 LO			3,5	5,8	105
180 XH	9,3	9,3	5,3	7,4	180
165 HI			4,8	7,0	165
150 MD			4,3	6,6	150
135 LO			3,8	6,4	135
215 XH	9,8	9,8	5,6	7,8	215
185 HI			5,1	7,4	185
175 MD			4,6	7,0	175
160 LO			4,1	6,7	160
265 XH	10,3	10,3	5,9	8,4	265
235 HI			5,4	8,2	235
210 MD			4,9	7,5	210
190 LO			4,4	7,0	190
300 XH	10,8	10,8	6,2	8,8	300
275 HI			5,7	8,5	275
245 MD			5,2	8,0	245
225 LO			4,7	7,4	225
345 XH	11,3	11,3	6,5	9,2	345
315 HI			6,0	8,9	315
300 MD			5,5	8,3	300
260 LO			5,0	7,8	260
380 XH	11,8	11,8	6,8	9,6	380
355 HI			6,3	9,3	355
325 MD			5,8	8,6	325
295 LO			5,3	8,4	295
435 XH	12,3	12,3	7,1	10,2	435
400 HI			6,6	9,6	400
375 MD			6,1	9,2	375
350 LO			5,6	8,8	350
505 XH	12,8	12,8	7,4	10,6	505
460 HI			6,9	10,0	460
435 MD			6,4	9,8	435
410 LO			5,9	9,3	410
560 XH	13,3	13,3	7,7	10,8	560
520 HI			7,2	10,5	520
480 MD			6,7	10,1	480
460 LO			6,2	9,7	460
655 XH	13,8	13,8	8,0	11,1	655
615 HI			7,5	11,0	615
545 MD			7,0	10,4	545
510 LO			6,5	10,2	510

# ADVANCE

## 30535



ROUND BASE  
CONICAL PROFILE  
MEDIUM POLE

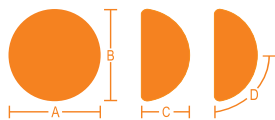


EXTRA HIGH PROJECTION **XH**  
HIGH PROJECTION **HI**  
MODERATE PROJECTION **MD**  
LOW PROJECTION **LO**



# MAXIMUM

30622



ROUND BASE  
SPHERICAL PROFILE  
MEDIUM POLE



**XH** EXTRA HIGH PROJECTION  
**HI** HIGH PROJECTION  
**MD** MODERATE PROJECTION  
**LO** LOW PROJECTION

REF	A	B	C		VOL
			cm		
cm <sup>3</sup>					
250 <b>XH</b>	9,6	9,6	5,7	8,1	250
225 <b>HI</b>			4,9	7,7	225
190 <b>MD</b>			4,1	7,1	190
145 <b>LO</b>			3,3	6,4	145
<hr/>					
275 <b>XH</b>	9,9	9,9	5,8	8,3	275
240 <b>HI</b>			5,0	7,8	240
205 <b>MD</b>			4,2	7,2	205
160 <b>LO</b>			3,4	6,6	160
<hr/>					
300 <b>XH</b>	10,2	10,2	5,9	8,5	300
265 <b>HI</b>			5,1	8,0	265
225 <b>MD</b>			4,3	7,3	225
175 <b>LO</b>			3,5	6,9	175
<hr/>					
320 <b>XH</b>	10,5	10,5	6,0	8,7	320
280 <b>HI</b>			5,2	8,2	280
240 <b>MD</b>			4,4	7,4	240
195 <b>LO</b>			3,6	7,1	195
<hr/>					
350 <b>XH</b>	10,8	10,8	6,1	9,0	350
305 <b>HI</b>			5,3	8,4	305
255 <b>MD</b>			4,5	7,5	255
210 <b>LO</b>			3,7	7,3	210
<hr/>					
375 <b>XH</b>	11,1	11,1	6,2	9,3	375
330 <b>HI</b>			5,4	8,6	330
280 <b>MD</b>			4,6	7,9	280
235 <b>LO</b>			3,8	7,6	235
<hr/>					
425 <b>XH</b>	11,7	11,7	6,4	9,6	425
380 <b>HI</b>			5,6	9,0	380
335 <b>MD</b>			4,8	8,4	335
270 <b>LO</b>			4,0	7,9	270
<hr/>					
485 <b>XH</b>	12,3	12,3	6,6	9,9	485
435 <b>HI</b>			5,8	9,4	435
390 <b>MD</b>			5,0	8,8	390
320 <b>LO</b>			4,2	8,3	320
<hr/>					
565 <b>XH</b>	12,9	12,9	6,8	10,3	565
495 <b>HI</b>			6,0	9,8	495
440 <b>MD</b>			5,2	9,2	440
360 <b>LO</b>			4,4	8,7	360
<hr/>					
620 <b>XH</b>	13,5	13,5	7,0	10,7	620
560 <b>HI</b>			6,2	10,2	560
505 <b>MD</b>			5,4	9,6	505
420 <b>LO</b>			4,6	9,1	420
<hr/>					
560 <b>MD</b>	14,1	14,1	5,6	10,1	560
475 <b>LO</b>			4,8	9,6	475
<hr/>					
560 <b>LO</b>	14,7	14,7	5,0	10,1	560
<hr/>					
610 <b>LO</b>	15,3	15,3	5,2	10,6	610

PURE POLYURETHANE

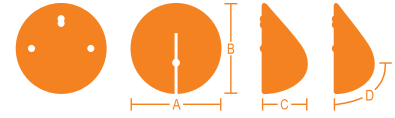




REF	A	B	C		VOL
			cm		
cm <sup>3</sup>					
210 XH	9,6	9,6	5,7	7,3	210
185 HI			4,9	6,7	185
155 MD			4,1	5,5	155
130 LO			3,3	5,1	130
<hr/>					
230 XH	9,9	9,9	5,8	7,4	230
200 HI			5,0	6,7	200
170 MD			4,2	5,7	170
140 LO			3,4	5,2	140
<hr/>					
245 XH	10,2	10,2	5,9	7,5	245
215 HI			5,1	6,8	215
185 MD			4,3	5,9	185
155 LO			3,5	5,3	155
<hr/>					
270 XH	10,5	10,5	6,0	7,7	270
230 HI			5,2	6,9	230
200 MD			4,4	6,1	200
170 LO			3,6	5,5	170
<hr/>					
290 XH	10,8	10,8	6,1	7,9	290
250 HI			5,3	7,1	250
220 MD			4,5	6,3	220
180 LO			3,7	5,7	180
<hr/>					
315 XH	11,1	11,1	6,2	8,1	315
270 HI			5,4	7,3	270
245 MD			4,6	6,5	245
195 LO			3,8	6,0	195
<hr/>					
360 XH	11,7	11,7	6,4	8,3	360
315 HI			5,6	7,6	315
275 MD			4,8	6,7	275
230 LO			4,0	6,3	230
<hr/>					
410 XH	12,3	12,3	6,6	8,6	410
360 HI			5,8	7,9	360
315 MD			5,0	7,0	315
270 LO			4,2	6,6	270
<hr/>					
470 XH	12,9	12,9	6,8	9,0	470
410 HI			6,0	8,2	410
360 MD			5,2	7,4	360
310 LO			4,4	6,9	310
<hr/>					
530 XH	13,5	13,5	7,0	9,3	530
465 HI			6,2	8,5	465
410 MD			5,4	7,8	410
355 LO			4,6	7,2	355
<hr/>					
590 XH	14,1	14,1	7,2	9,6	590
525 HI			6,4	8,8	525
465 MD			5,6	8,2	465
400 LO			4,8	7,5	400
<hr/>					
590 HI	14,7	14,7	6,6	9,1	590
455 LO			5,0	7,8	455
<hr/>					
515 LO	15,3	15,3	5,2	8,1	515
<hr/>					
580 LO	15,9	15,9	5,4	8,4	580

# NATURAL

30637



ROUND BASE  
TEARDROP PROFILE  
MEDIUM POLE



EXTRA HIGH PROJECTION **XH**  
HIGH PROJECTION **HI**  
MODERATE PROJECTION **MD**  
LOW PROJECTION **LO**

Consult Silimed's distributors about scheduling and availability of products in your country.

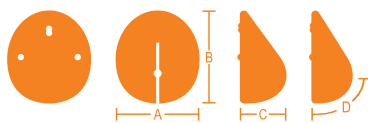






# ENHANCE

30674



OVAL BASE  
ANATOMICAL PROFILE  
SUPERIOR POLE



**XH** EXTRA HIGH PROJECTION  
**HI** HIGH PROJECTION  
**MD** MODERATE PROJECTION  
**LO** LOW PROJECTION

REF	A	B	C	D	VOL
	cm				cm <sup>3</sup>
220 <b>XH</b>	9,4	10,4	5,1	6,6	220
190 <b>HI</b>			4,3	6,1	190
250 <b>XH</b>	9,9	10,9	5,3	6,9	250
220 <b>HI</b>			4,5	6,3	220
180 <b>MD</b>			3,7	5,8	180
290 <b>XH</b>	10,4	11,4	5,5	7,3	290
250 <b>HI</b>			4,7	6,6	250
210 <b>MD</b>			3,9	6,0	210
335 <b>XH</b>	10,9	11,9	5,7	7,6	335
285 <b>HI</b>			4,9	6,9	285
240 <b>MD</b>			4,1	6,2	240
375 <b>XH</b>	11,4	12,4	5,9	7,9	375
325 <b>HI</b>			5,1	7,2	325
275 <b>MD</b>			4,3	6,4	275
230 <b>LO</b>			3,5	6,0	230
420 <b>XH</b>	11,9	12,9	6,1	8,3	420
365 <b>HI</b>			5,3	7,5	365
315 <b>MD</b>			4,5	6,7	315
260 <b>LO</b>			3,7	6,2	260
470 <b>XH</b>	12,4	13,4	6,3	8,7	470
410 <b>HI</b>			5,5	7,8	410
355 <b>MD</b>			4,7	7,0	355
300 <b>LO</b>			3,9	6,5	300
465 <b>HI</b>	12,9	13,9	5,7	8,1	465
405 <b>MD</b>			4,9	7,3	405
345 <b>LO</b>			4,1	6,8	345
515 <b>HI</b>	13,4	14,4	5,9	8,4	515
450 <b>MD</b>			5,1	7,7	450
385 <b>LO</b>			4,3	7,1	385
580 <b>HI</b>	13,9	14,9	6,1	8,8	580
500 <b>MD</b>			5,3	8,1	500
425 <b>LO</b>			4,5	7,4	425
560 <b>MD</b>	14,4	15,4	5,5	8,5	560
480 <b>LO</b>			4,7	7,7	480
620 <b>MD</b>	14,9	15,9	5,7	8,9	620
535 <b>LO</b>			4,9	8,1	535

PURE POLYURETHANE

REF	A	B	C		D	VOL
			cm			
205 <b>XH</b>	10,4	8,6	4,7	6,4	205	
180 <b>HI</b>			4,2	5,9		
235 <b>XH</b>	10,9	9,0	4,9	6,6	235	
210 <b>HI</b>			4,4	6,1		
265 <b>XH</b>	11,4	9,4	5,1	6,8	265	
235 <b>HI</b>			4,6	6,3		
305 <b>XH</b>	11,9	9,9	5,3	7,0	305	
270 <b>HI</b>			4,8	6,6		
250 <b>MD</b>			4,3	6,3		
220 <b>LO</b>			3,8	5,8		
350 <b>XH</b>	12,4	10,3	5,5	7,2	350	
310 <b>HI</b>			5,0	6,9		
285 <b>MD</b>			4,5	6,5		
255 <b>LO</b>			4,0	6,1		
390 <b>XH</b>	12,9	10,7	5,7	7,5	390	
345 <b>HI</b>			5,2	7,2		
320 <b>MD</b>			4,7	6,8		
285 <b>LO</b>			4,2	6,3		
435 <b>XH</b>	13,4	11,1	5,9	7,8	435	
395 <b>HI</b>			5,4	7,5		
360 <b>MD</b>			4,9	7,0		
325 <b>LO</b>			4,4	6,6		
485 <b>XH</b>	13,9	11,5	6,1	8,1	485	
440 <b>HI</b>			5,6	7,8		
405 <b>MD</b>			5,1	7,3		
365 <b>LO</b>			4,6	6,8		
540 <b>XH</b>	14,4	11,9	6,3	8,4	540	
490 <b>HI</b>			5,8	8,1		
450 <b>MD</b>			5,3	7,5		
410 <b>LO</b>			4,8	7,1		
595 <b>XH</b>	14,9	12,3	6,5	8,7	595	
535 <b>HI</b>			6,0	8,4		
500 <b>MD</b>			5,5	7,8		
455 <b>LO</b>			5,0	7,3		
555 <b>MD</b>	15,4	12,7	5,7	8,2	555	
505 <b>LO</b>			5,2	7,6		

# NUANCE

30646



OVAL BASE  
 ANATOMICAL PROFILE  
 INFERIOR POLE



EXTRA HIGH PROJECTION **XH**  
 HIGH PROJECTION **HI**  
 MODERATE PROJECTION **MD**  
 LOW PROJECTION **LO**



# TRUE TEXTURE

## EXCELLENT PERFORMANCE IN THE REDUCTION OF CAPSULAR CONTRACTURE.

Silimed has developed its own method of texturization, which resulted in a structure of peaks and valleys that creates pores, reducing the incidence of capsular contracture. The shells manufactured by Silimed present several barrier layers, resulting in “low-bleed” implants.

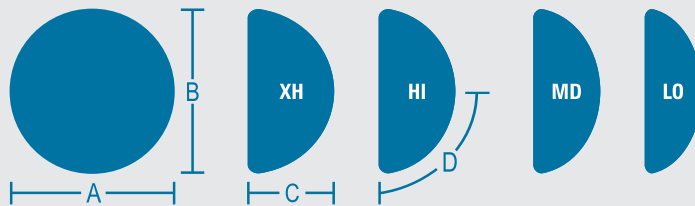
Clinical studies indicate the effectiveness of Silimed True Texture implants in reducing the phenomenon of capsular contracture. These types of implants are safe, presenting a profile of complications similar to those of other silicone gel implant models, with a lower rate of capsular contracture and a lower incidence of wrinkling when compared to the silicone gel implants of the fourth generation (and also on the implants of the fifth generation).



### MAXIMUM

20622

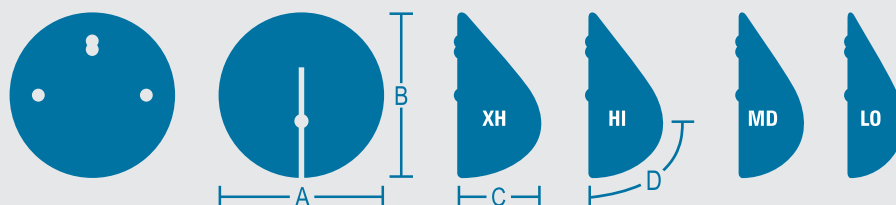
ROUND BASE  
SPHERICAL PROFILE  
MEDIUM POLE



### NATURAL

20637

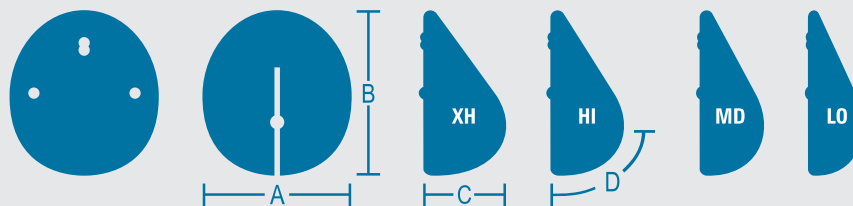
ROUND BASE  
TEARDROP PROFILE  
MEDIUM POLE



### ENHANCE

20674

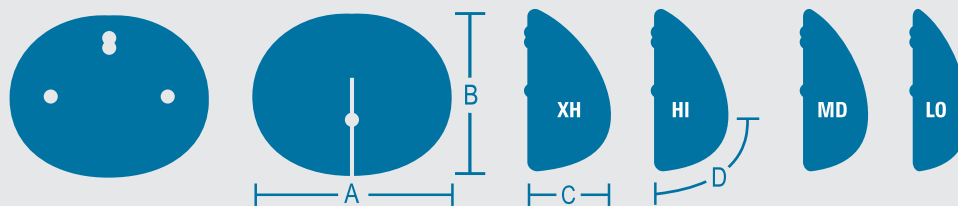
OVAL BASE  
ANATOMICAL PROFILE  
SUPERIOR POLE



### NUANCE

20646

OVAL BASE  
ANATOMICAL PROFILE  
INFERIOR POLE





# MAXIMUM

20622



ROUND BASE  
SPHERICAL PROFILE  
MEDIUM POLE



**XH** EXTRA HIGH PROJECTION  
**HI** HIGH PROJECTION  
**MD** MODERATE PROJECTION  
**LO** LOW PROJECTION

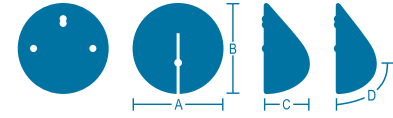
REF	A	B	C		VOL
			cm		
cm <sup>3</sup>					
255 <b>XH</b>	9,2	9,2	5,6	7,8	255
225 <b>HI</b>			4,8	7,2	225
190 <b>MD</b>			4,0	6,7	190
155 <b>LO</b>			3,2	6,2	155
280 <b>XH</b>	9,5	9,5	5,7	8,0	280
245 <b>HI</b>			4,9	7,3	245
205 <b>MD</b>			4,1	6,8	205
170 <b>LO</b>			3,3	6,4	170
305 <b>XH</b>	9,8	9,8	5,8	8,4	305
270 <b>HI</b>			5,0	7,6	270
225 <b>MD</b>			4,2	7,0	225
185 <b>LO</b>			3,4	6,6	185
325 <b>XH</b>	10,1	10,1	5,9	8,6	325
285 <b>HI</b>			5,1	7,8	285
240 <b>MD</b>			4,3	7,2	240
200 <b>LO</b>			3,5	6,8	200
360 <b>XH</b>	10,4	10,4	6,0	8,8	360
305 <b>HI</b>			5,2	8,1	305
255 <b>MD</b>			4,4	7,4	255
215 <b>LO</b>			3,6	7,0	215
380 <b>XH</b>	10,7	10,7	6,1	9,0	380
335 <b>HI</b>			5,3	8,3	335
280 <b>MD</b>			4,5	7,6	280
240 <b>LO</b>			3,7	7,2	240
430 <b>XH</b>	11,3	11,3	6,3	9,2	430
390 <b>HI</b>			5,5	8,6	390
330 <b>MD</b>			4,7	8,0	330
275 <b>LO</b>			3,9	7,5	275
500 <b>XH</b>	11,9	11,9	6,5	9,6	500
445 <b>HI</b>			5,7	9,0	445
385 <b>MD</b>			4,9	8,4	385
335 <b>LO</b>			4,1	8,0	335
570 <b>XH</b>	12,5	12,5	6,7	10,0	570
505 <b>HI</b>			5,9	9,4	505
440 <b>MD</b>			5,1	8,9	440
360 <b>LO</b>			4,3	8,3	360
625 <b>XH</b>	13,1	13,1	6,9	10,4	625
570 <b>HI</b>			6,1	9,8	570
505 <b>MD</b>			5,3	9,4	505
430 <b>LO</b>			4,5	8,7	430
565 <b>MD</b>	13,7	13,7	5,5	9,7	565
475 <b>LO</b>			4,7	9,1	475
570 <b>LO</b>	14,3	14,3	4,9	9,8	570
615 <b>LO</b>	14,9	14,9	5,1	10,0	615

TRUE TEXTURE  
TRUE TEXTURE

REF	A	B	cm		VOL cm <sup>3</sup>
			C	D	
210 XH	9,2	9,2	5,6	6,9	210
185 HI			4,8	6,3	185
160 MD			4,0	5,7	160
135 LO			3,2	5,1	135
230 XH	9,5	9,5	5,7	7,1	230
200 HI			4,9	6,4	200
170 MD			4,1	5,8	170
145 LO			3,3	5,2	145
250 XH	9,8	9,8	5,8	7,3	250
220 HI			5,0	6,6	220
190 MD			4,2	6,0	190
155 LO			3,4	5,3	155
270 XH	10,1	10,1	5,9	7,5	270
235 HI			5,1	6,8	235
205 MD			4,3	6,2	205
170 LO			3,5	5,5	170
290 XH	10,4	10,4	6,0	7,7	290
255 HI			5,2	7,0	255
220 MD			4,4	6,4	220
185 LO			3,6	5,7	185
320 XH	10,7	10,7	6,1	7,9	320
270 HI			5,3	7,2	270
245 MD			4,5	6,6	245
200 LO			3,7	6,0	200
365 XH	11,3	11,3	6,3	8,2	365
320 HI			5,5	7,5	320
275 MD			4,7	6,8	275
230 LO			3,9	6,3	230
425 XH	11,9	11,9	6,5	8,5	425
370 HI			5,7	7,8	370
320 MD			4,9	7,1	320
275 LO			4,1	6,6	275
475 XH	12,5	12,5	6,7	8,8	475
425 HI			5,9	8,1	425
360 MD			5,1	7,4	360
315 LO			4,3	6,9	315
550 XH	13,1	13,1	6,9	9,1	550
485 HI			6,1	8,4	485
415 MD			5,3	7,7	415
360 LO			4,5	7,2	360
610 XH	13,7	13,7	7,1	9,4	610
550 HI			6,3	8,8	550
470 MD			5,5	8,0	470
410 LO			4,7	7,5	410

# NATURAL

## 20637



ROUND BASE  
TEARDROP PROFILE  
MEDIUM POLE



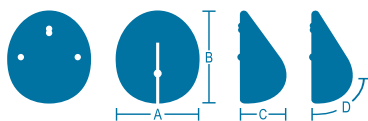
EXTRA HIGH PROJECTION **XH**  
HIGH PROJECTION **HI**  
MODERATE PROJECTION **MD**  
LOW PROJECTION **LO**





# ENHANCE

20674



OVAL BASE  
ANATOMICAL PROFILE  
SUPERIOR POLE



**XH** EXTRA HIGH PROJECTION  
**HI** HIGH PROJECTION  
**MD** MODERATE PROJECTION  
**LO** LOW PROJECTION

REF	A	B	C	D	VOL
	cm				cm <sup>3</sup>
215 <b>XH</b>	9,0	10,0	5,0	6,5	215
190 <b>HI</b>			4,2	6,0	190
250 <b>XH</b>	9,5	10,5	5,2	6,8	250
215 <b>HI</b>			4,4	6,2	215
180 <b>MD</b>			3,6	5,4	180
290 <b>XH</b>	10,0	11,0	5,4	7,1	290
250 <b>HI</b>			4,6	6,4	250
210 <b>MD</b>			3,8	5,6	210
330 <b>XH</b>	10,5	11,5	5,6	7,4	330
285 <b>HI</b>			4,8	6,6	285
240 <b>MD</b>			4	5,8	240
375 <b>XH</b>	11,0	12,0	5,8	7,7	375
320 <b>HI</b>			5,0	6,9	320
275 <b>MD</b>			4,2	6,1	275
225 <b>LO</b>			3,4	5,6	225
420 <b>XH</b>	11,5	12,5	6,0	8,0	420
365 <b>HI</b>			5,2	7,2	365
310 <b>MD</b>			4,4	6,4	310
260 <b>LO</b>			3,6	5,8	260
465 <b>XH</b>	12,0	13,0	6,2	8,3	465
410 <b>HI</b>			5,4	7,5	410
350 <b>MD</b>			4,6	6,7	350
295 <b>LO</b>			3,8	6,1	295
520 <b>XH</b>	12,5	13,5	6,4	8,6	520
460 <b>HI</b>			5,6	7,8	460
400 <b>MD</b>			4,8	7,0	400
340 <b>LO</b>			4,0	6,4	340
510 <b>HI</b>	13,0	14,0	5,8	8,1	510
450 <b>MD</b>			5,0	7,3	450
380 <b>LO</b>			4,2	6,7	380
570 <b>HI</b>	13,5	14,5	6,0	8,4	570
500 <b>MD</b>			5,2	7,6	500
425 <b>LO</b>			4,4	7,0	425
635 <b>HI</b>	14,0	15,0	6,2	8,7	635
560 <b>MD</b>			5,4	8,0	560
475 <b>LO</b>			4,6	7,3	475
615 <b>MD</b>	14,5	15,5	5,6	8,4	615
530 <b>LO</b>			4,8	7,6	530

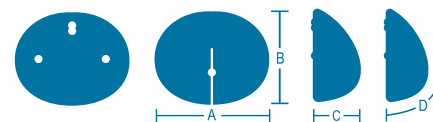
TRUE TEXTURE



REF	A	B	cm		VOL cm <sup>3</sup>
			C	D	
220 <b>XH</b>	10,0	8,2	4,6	6,0	220
185 <b>HI</b>			4,1	5,7	185
240 <b>XH</b>	10,5	8,6	4,8	6,3	240
210 <b>HI</b>			4,3	6,0	210
280 <b>XH</b>	11,0	9,0	5,0	6,6	280
245 <b>HI</b>			4,5	6,3	245
325 <b>XH</b>	11,5	9,5	5,2	6,9	325
285 <b>HI</b>			4,7	6,6	285
250 <b>MD</b>			4,2	5,8	250
220 <b>LO</b>			3,7	5,3	220
350 <b>XH</b>	12,0	9,9	5,4	7,1	350
315 <b>HI</b>			4,9	6,9	315
280 <b>MD</b>			4,4	6,1	280
250 <b>LO</b>			3,9	5,6	250
405 <b>XH</b>	12,5	10,3	5,6	7,4	405
355 <b>HI</b>			5,1	7,2	355
320 <b>MD</b>			4,6	6,4	320
285 <b>LO</b>			4,1	5,9	285
440 <b>XH</b>	13,0	10,7	5,8	7,7	440
395 <b>HI</b>			5,3	7,5	395
360 <b>MD</b>			4,8	6,7	360
320 <b>LO</b>			4,3	6,2	320
485 <b>XH</b>	13,5	11,1	6,0	8,0	485
450 <b>HI</b>			5,5	7,8	450
400 <b>MD</b>			5,0	7,0	400
365 <b>LO</b>			4,5	6,5	365
500 <b>HI</b>	14,0	11,5	5,7	8,1	500
450 <b>MD</b>			5,2	7,3	450
405 <b>LO</b>			4,7	6,8	405
545 <b>HI</b>	14,5	11,9	5,9	8,4	545
500 <b>MD</b>			5,4	7,6	500
455 <b>LO</b>			4,9	7,1	455
555 <b>MD</b>	15,0	12,3	5,6	7,9	555
505 <b>LO</b>			5,1	7,4	505

# NUANCE

20646



OVAL BASE  
 ANATOMICAL PROFILE  
 INFERIOR POLE



EXTRA HIGH PROJECTION **XH**  
 HIGH PROJECTION **HI**  
 MODERATE PROJECTION **MD**  
 LOW PROJECTION **LO**





OVAL/ROUND  
ANATOMICAL INFERIOR POLE  
ANATOMICAL SUPERIOR POLE  
ANATOMICAL DOUBLE CHAMBER  
ROUND

# MAMMARY TISSUE EXPANDERS

INDICATED FOR BREAST RECONSTRUCTION, THEY ARE MADE OF  
SMOOTH OR TEXTURED SILICONE ELASTOMER SHELL.

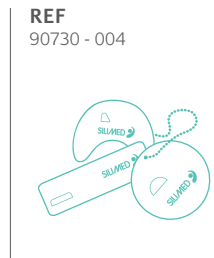
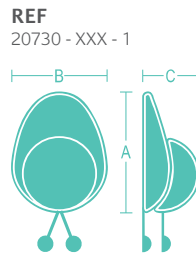


# MAMMARY EXPANDERS

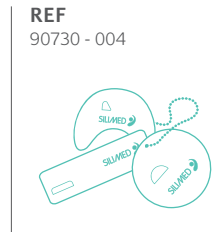
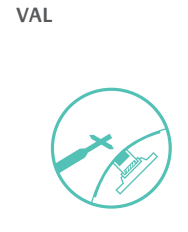
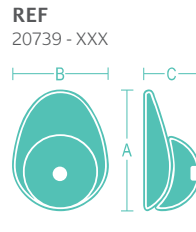
## OVAL / ROUND



REF	ml VOL	K X cm		
		A	B	C
20730 - XXX - 1	320	15,0	10,5	5,6
	470	15,5	11,6	5,8
	600	16,3	12,3	6,5
	850	17,6	14,1	6,7



REF	ml VOL	K X cm		
		A	B	C
20739 - XXX	320	15,0	10,5	5,6
	470	15,5	11,6	5,8
	600	16,3	12,3	6,5
	850	17,6	14,1	6,7



Consult Silimed's distributors about scheduling and availability of products in your country.



## ANATOMICAL • INFERIOR POLE

REF	ml VOL	K X cm		
		A	B	C
20789 - XXX	320	10,9	8,6	6,7
	390	12,0	9,1	6,8
	470	12,9	9,7	7,0
20789 - XXXG	540	13,9	10,2	7,4
	690	14,9	11,0	7,7
	840	16,0	12,2	8,8

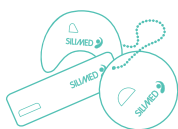
REF  
20789 - XXX



VAL



REF  
90730 - 006

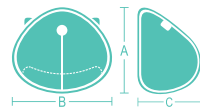


20789 - XXXG



REF	ml VOL	K X cm		
		A	B	C
20759 - XXX	350	10,5	12,5	6,4
	450	11,0	12,7	6,7
	550	12,1	13,1	7,5
20759 - XXXG	650	12,8	13,5	7,8
	770	13,2	14,1	8,7

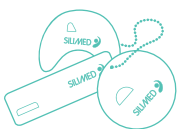
REF  
20759 - XXX



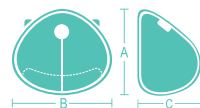
VAL



REF  
90730 - 005

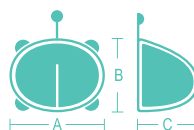


20759 - XXXG



REF	ml VOL	K X cm		
		A	B	C
20787 - XXX	320	10,6	8,5	6,9
	390	11,3	9,0	7,4
	470	12,1	9,8	7,7
	540	12,7	10,2	8,1
	690	14,1	10,9	8,6
	840	14,8	11,9	9,1

REF  
20787 - XXX



VAL



Consult Silimed's distributors about scheduling and availability of products in your country.

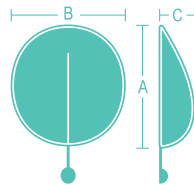


ANATOMICAL • SUPERIOR POLE



REF	ml VOL	K X cm		
		A	B	C
20760 - XXX - 1	200	10,2	9,2	4,0
	300	12,0	11,0	4,3
	400	13,3	12,3	4,5
	500	14,3	13,3	4,7
	600	15,1	14,0	5,0
	700	15,8	14,9	5,6
800	16,5	15,3	6,0	

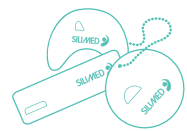
REF  
20760 - XXX - 1



VAL

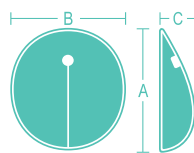


REF  
90730 - 007



REF	ml VOL	K X cm		
		A	B	C
20769 - XXX	200	10,2	9,2	4,0
	300	12,0	11,0	4,3
	400	13,3	12,3	4,5
	500	14,3	13,3	4,7
	600	15,1	14,0	5,0
	700	15,8	14,9	5,6
800	16,5	15,3	6,0	

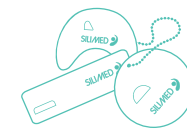
REF  
20769 - XXX



VAL

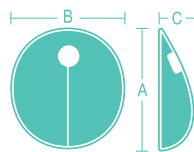


REF  
90730 - 007



REF	ml VOL	K X cm		
		A	B	C
20769 - XXXG	400	13,3	12,3	4,5
	500	14,3	13,3	4,7
	600	15,1	14,0	5,0
	700	15,8	14,9	5,6
	800	16,5	15,3	6,0

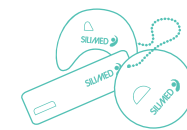
REF  
20769 - XXXG



VAL



REF  
90730 - 007



Consult Silimed's distributors about scheduling and availability of products in your country.



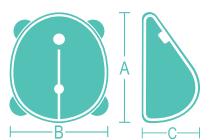


## ANATOMICAL • SUPERIOR POLE

REF	ml VOL	K X cm		
		A	B	C
206749 - XXX 206749G - XXX	185	9,9	8,8	5,1
	215	10,3	9,3	5,3
	255	10,9	9,8	5,6
	300	11,3	10,3	5,8
	385	12,4	11,2	6,2
	435	12,9	11,8	6,4
	475	13,4	12,3	6,5
545	13,8	12,8	6,8	



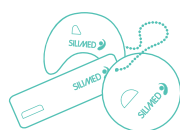
REF  
206749 - XXX



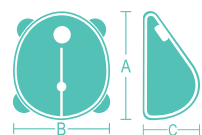
VAL



REF  
90730 - 008



206749G - XXX

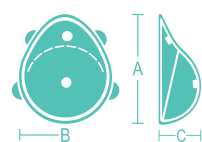


## ANATOMICAL DOUBLE CHAMBER

REF	ml VOL	K X cm		
		A	B	C
20799 - XXXA	310	12,9	10,9	5,1
	470	14,8	12,7	5,5
	570	15,9	13,7	5,7
	620	16,4	14,3	5,8
	780	17,4	15,1	6,5



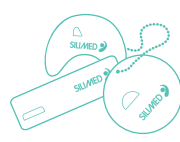
REF  
20799 - XXXA



VAL

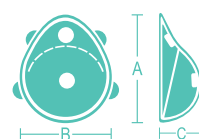


REF  
90730 - 005



REF	ml VOL	K X cm		
		A	B	C
20799 - XXXAG	310	12,9	10,9	5,1
	390	13,9	12,2	5,2
	470	14,8	12,7	5,5
	570	15,9	13,7	5,7
	620	16,4	14,3	5,8
	780	17,4	15,1	6,5

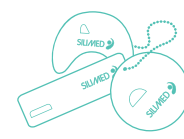
REF  
20799 - XXXAG



VAL



REF  
90730 - 005

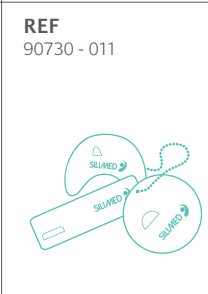
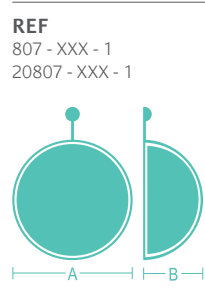
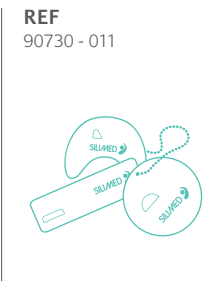
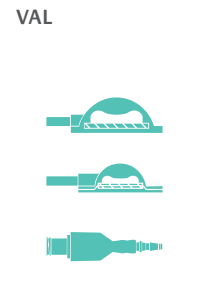
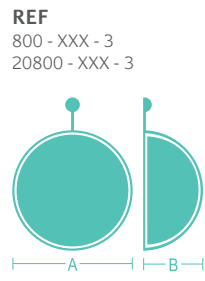


Consult Silimed's distributors about scheduling and availability of products in your country.

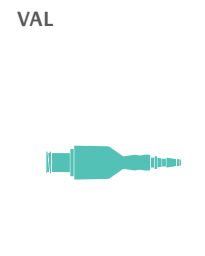
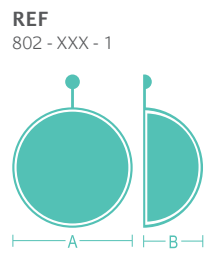
ROUND



REF	ml VOL	cm	
		A	B
800 - XXX - 3 20800 - XXX - 3	50	6,2	3,6
	100	7,9	2,8
	200	9,6	4,1
	300	10,6	5,0
807 - XXX - 1 20807 - XXX - 1	400	11,2	5,5
	500	12,2	6,2
	600	13,2	6,5
	700	15,0	6,1
	800	15,2	6,4
	900	15,2	7,6
	1000	15,3	8,4



REF	ml VOL	cm	
		A	B
802 - XXX - 1	100	7,9	2,8
	200	9,6	4,1
	300	10,6	5,0
	400	11,2	5,5
	500	12,2	6,2
	600	13,2	6,5
	700	15,0	6,1
	800	15,2	6,4
	900	15,2	7,6
	1000	15,3	8,4

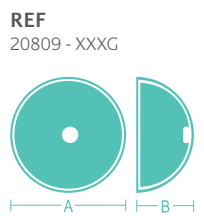
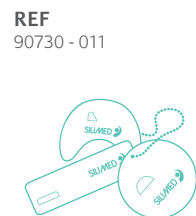


Consult Silimed's distributors about scheduling and availability of products in your country.



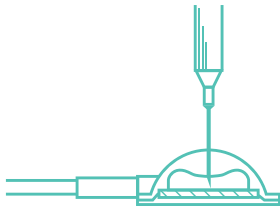
# ROUND

REF	ml VOL	cm	
		A	B
809 - XXX 20809 - XXX  20809 - XXXG	200	9,6	4,1
	300	10,6	5,0
	400	11,2	5,5
	500	12,2	6,2
	600	13,2	6,5
	700	15,0	6,1
	800	15,2	6,4
	900	15,2	7,6
	1000	15,3	8,4



## TYPES OF REMOTE VALVES

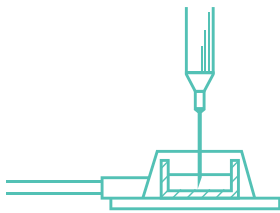
### ROUND VALVE



Equipped with an internal stainless-steel disk to prevent the needle from trespassing and to help locating by radiography.

**Diameter of the base:** 34mm (adult); 22mm (child)  
**Height:** 11mm (adult); 8mm (child)

### CONICAL VALVE



Contains a ceramic cuvette to prevent the needle from trespassing and help locating by radiography.

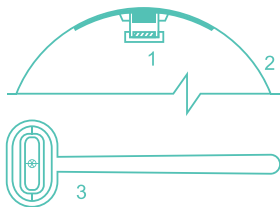
**Diameter of the top:** 15mm  
**Diameter of the base:** 36mm  
**Height:** 14mm

### LUER LOCK



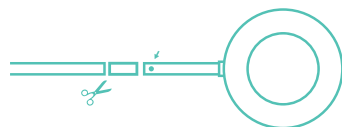
Valve with threaded socket for direct connection to the syringe without needle. Equipped with a sealing system that automatically prevents liquid leakage when the syringe is disconnected.

### INCORPORATED MAGNETIC VALVE

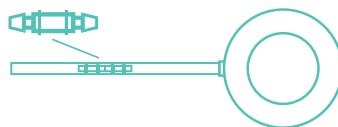


1. Valve
2. Expander
3. Magnetic finder

### ASSEMBLY SEQUENCE FOR REMOTE VALVES:



1. Cut the tube of the expander to the necessary length, or on the valve, without passing the mark. The angle of the cut should be 90°.



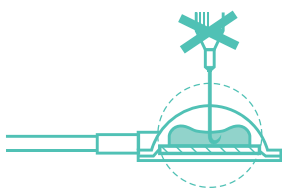
2. Couple the tube linked to the tissue expander to the free part of the connection until both tubes are in contact.



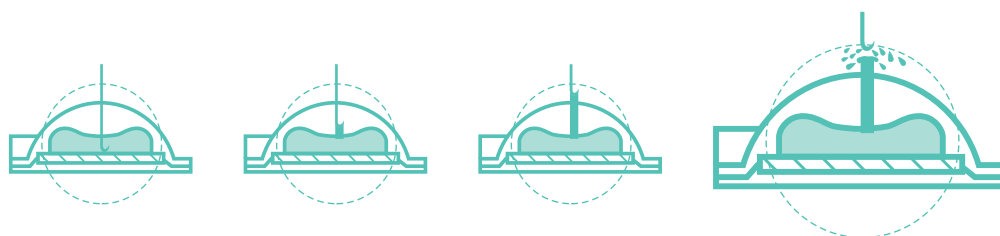
### CARE TO BE TAKEN WITH THE NEEDLE WHEN INTRODUCING IT INTO THE REMOTE VALVE



**Note 1:** The valves contain a stainless-steel disk or a ceramic cuvette, which are radiopaque and resistant, to prevent the needle from trespassing. The needle shall be introduced carefully, perpendicular to the valve, until the bottom is felt.



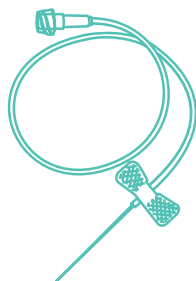
**Note 2:** The needle shall be introduced carefully so as not to damage its tip, which can become a hook and leave a hole in the septum. This will cause reflux of the injected liquid.



**Note 3:** The use of a needle with Huber-type tip and 21G caliber or smaller is recommended.

The Butterfly needle with a Huber-type tip and 21G caliber or smaller may also be used.

### BUTTERFLY NEEDLE

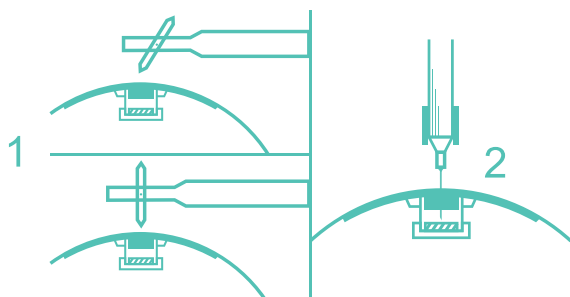


HUBER-TYPE TIPS (CORRECT)

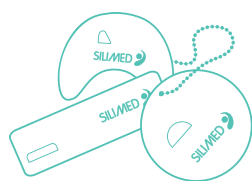


BEVEL-TYPE TIP (WRONG)

### CORRECT LOCATION OF THE MAGNETIC VALVE AND INTRODUCTION OF THE NEEDLE



1. Determining the exact place on the valve with the magnetic finder.
2. Introducing the needle perpendicularly and carefully, ensuring that it penetrates the septum well.



Templates with the shape of the base of expanders are available. They are intended to aid the surgeon during the pre-surgical evaluation in selecting the expander that is best adapted to each case.

**Notes:**

1. The references beginning with "20" have a textured surface.
2. Volume with approximate values.
3. G = Large valve.

Consult Silimed's distributors about scheduling and availability of products in your country.



## MEDGEL FROM SURGERY TO SCAR TREATMENT, THE MOST ADVANCED SOLUTIONS FOR THE BEST RESULT.

Medgel is an advanced line of silicone gel products for treatment or prevention of recent or old scars, keloids and hypertrophic scars. The product acts as an auxiliary in the process of renewal and regeneration of the dermis, with anti-inflammatory and antioxidant effect. It improves the texture, coloring and hydration of the treated area, increasing skin softness.

The scarring process takes place in three phases: inflammatory, proliferative and remodeling. Medgel acts in the phase of remodeling, hydrating the skin and inhibiting proliferation of fibroblasts,

responsible for the synthesis of collagen and elastin, which, in large quantities, can cause raised scars (keloids).

Medgel does not contain any component of animal origin and is free of all biological contaminants. It can be used along with other complementary treatments. It is contraindicated in open wounds, on infected regions and on tissue that is not healthy.

**Supplied non-sterile.**

## MEDGEL TYPES FOR BREAST SURGERIES

### INVERTED "T"

scars from reduction mammoplasty

REF	K X cm		QTY
	A	B	
1240 - 01312	34	9,5	2

**Supplied non-sterile.**  
**Shape: 34 cm x 9.5 cm**

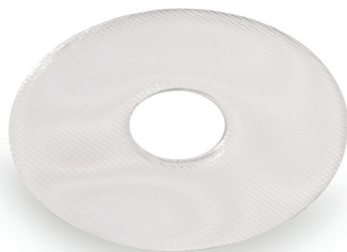
For scars from breast reduction. Transparent, thin and flexible, it gently adheres to the tissue and fragile skin, adapting to the contours of the breast. Waterproof and vapor permeable, they can be used all day long with comfort and discretion. They are reusable and their removal is easy, with minimum trauma and pain.



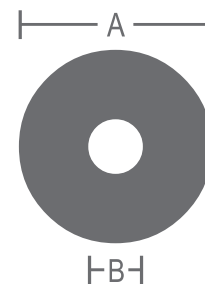


## DISK

areolar scars



REF	cm		QTY
	A	B	
1240 - 012I2	7	2	0,70
1240 - 012H	7	12	0,80



### Supplied non-sterile.

Indicated for treatment of scars located on the breast areola. Transparent, thin and flexible, it gently adheres to the tissue and fragile skin, adapting to the contours of the body. Waterproof and vapor permeable, it can be used all day long with comfort and discretion. It is reusable and its removal is easy, with minimum trauma and pain.

## PLATE

small scars



REF	cm		QTY
	A	B	
1240 - 010I1	10	10	1
1240 - 010H	10	10	6



### Supplied non-sterile.

Shapes: 10 cm x 10 cm • 10 cm x 5 cm

For small scars, extending up to 10 cm. It is transparent, thin and flexible, Medgel Plate gently adheres to the tissue and fragile skin, adapting to the contours of the body. Waterproof and vapor permeable, they can be used all day long with comfort and discretion. They are reusable and their removal is easy, with minimum trauma and pain.

## Instructions for Use:

### Plates and Strips:

1. Gently clean and dry the affected area.
2. Remove the Medgel from the wrapping.
3. Cut a piece sufficiently large to cover the entire scar.
4. Remove the protection attached to the side without reinforcement, which is adhered to Medgel.
5. Apply this side of Medgel on the scar. Avoid applying any cream on the injured area, so as not to change the efficiency of the product.
6. Wash the Medgel daily using mild soap; rinse with plenty of warm water, then let it air-dry and reapply.
7. In order to achieve better results, it is necessary to keep the Medgel in place for at least 12 hours a day.

### Important Observations:

- If necessary, keep Medgel in place using a hypo-allergenic adhesive tape.
- Do not compress the scar, so as not to cause any irritation.
- If convenient, Medgel can also be used under a compression garment.
- In order to prevent hypertrophic scars, Medgel shall be used immediately after the last detachment of "scab" from the surgical wound.

### Precauções:

- Avoid contact of Medgel with eyes, mucous membranes and recently injured tissue.
- Do not use Medgel on open wounds and on infected areas of the injured tissue. Avoid contact with clothing.
- No restriction is known for the use of Medgel along with other products or treatments. It is recommended that treatment is suspended in case of occurrence of irritation, which is a rare event.
- In case of maceration or redness, allow the skin to rest until symptoms disappear.
- Continue treatment, gradually increasing the period of daily use.

Note: Dimensions with approximate values.



**Caution: Consult accompanying documents.**

Consult Silimed's distributors about scheduling and availability of products in your country.





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