

SublimeLine®

Silicone gel filled breast implants
in a modular design and four shell surfaces

Microthane® | POLYtxt® | MESMO®sensitive | POLYsmooth™

Même®



Replicon®



Opticon®



Optimam®



POLYTECH
health & aesthetics

The POLYTECH SublimeLine®

Shell surface	Base type	Projection			
		low L	moderate M	high H	extra high X
Microthane® (30) POLYtxt® (20) MESMO® sensitive (15) POLYsmooth™ (10)					
Même® round base, regular profile		30 / 20 / 10 724	30 / 20 / 15 / 10 725	30 / 20 / 15 / 10 726	30 / 20 / 15 / 10 727
Replicon® round base, anatomical profile					
Opticon® short base, anatomical profile					
Optimam® oblong base, anatomical profile					

Fast and simple

The POLYTECH SublimeLine® series:
a complete modular matrix of breast implants that is logical, easy to understand and simple to handle

The *SublimeLine*® from POLYTECH is a product line designed for a strategic approach to choose the right implant shape and size. Implant selection is based on four different styles, which have been named:

- **Même®** – round base, regular profile
- **Replicon®** – round base, anatomical profile
- **Opticon®** – short base, anatomical profile
- **Optimam®** – oblong base, anatomical profile

Applying the modular *SublimeLine*® matrix will ensure the desired results are achieved. 3 simple steps will lead to the selection of the optimum implant:

1. Measuring and determining the implant base size,
2. deciding for the implant style that best suits the patient's phenotype¹, and
3. determining the desired projection.

As all implant styles are available with identical base diameters, the choice of any of the four different breast implant types can be matched with any of the four given projections.

**4 styles x 4 projections x 18 sizes =
288 different breast implant variations**

The use of the POLYTECH *SublimeLine*® matrix – whether for breast augmentation or reconstruction – ensures that the optimum implant is available for every patient. With the systematic approach of the modular matrix, implant selection for surgical procedures is simplified, e.g. for the correction of asymmetries or the reconstruction without surgical adjustment of the contralateral breast.

3 simple steps to select the optimum implant

	<p>Measure the breast base & determine the base width.</p> <p>Alle Implantattypen sind mit einer Basisbreite zwischen 76 und 161 mm (Microthane®) bzw. 73 und 158 mm (POLYtxt®) in 5-mm-Schritten verfügbar.</p>
2	<p>Decide for one of the four implant types.</p> <p>Même®: round base, regular profile Replicon®: round base, anatomical profile Opticon®: short base, anatomical profile Optimam®: oblong base, anatomical profile</p>
3	<p>Determine the projection.</p> <p>Every implant type is available in four projections. LP: Low Projection MP: Moderate Projection HP: High Projection XP: Extra-High Projection</p>

Quality means safety

All breast implants of the *SublimeLine*® carry the CE-mark for medical devices class III and fulfill the highest quality standards that are required for medical products.

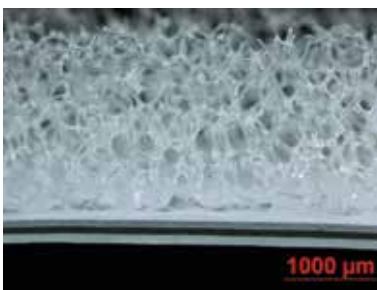
Production of the implants is based on a quality management according to ISO 9001 and ISO 13485. All materials used are of implantable medical quality.

Highest material standards, best manufacturing

The chemically and mechanically resistant, elastic shell of the implants consists of several layers of a silicone elastomer. In order to maintain a high level of safety, the shell of the silicone gel-filled implants is equipped with an additional diffusion barrier layer.

Silicone shell elongation tests demonstrate an average elongation of 950% to rupture. This twice exceeds the industry standard that requires only 450% elongation.

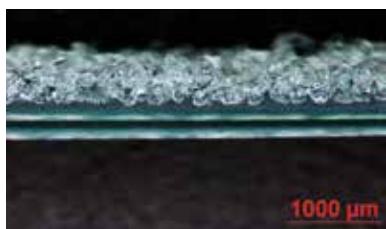
In this brochure you will find POLYTECH breast implants with the shell surfaces POLYsmooth™,



MESMO® sensitive, POLYtxt®, and Microthane®. **Microthane®** is an implant shell cover of medical-grade micropolyurethane foam. This type of

shell cover has a mean surface roughness of 1500μm. Due to the ingrowth of capsular tissue into the Microthane® surface numerous small capsules are created. These microcapsules significantly reduce the risk for capsular contracture. An extensive long-term study shows that after 8 years the capsular

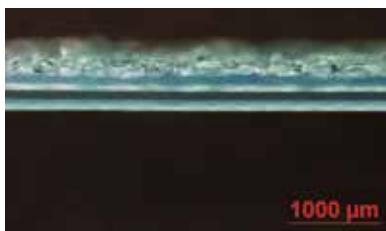
contracture rate with Microthane® implants compared to textured implants is 15% lower; it is even 30% lower compared to smooth implants¹⁾. More information on the advantages of Microthane® covered breast implants can be found on page 5). In Europe, POLYTECH is the only manufacturer of implants with this type of surface.



POLYtxt®, the

POLYTECH standard shell texture, has a rough open cell structure, on

average of 200–300µm in height and 100–400µm in diameter to allow tissue adherence. This surface is known for its reliability and has been proven to contribute to a reduction of capsular contracture rates. For the textured surface, the rates are 8 to 15%, which is around 15% lower than with smooth implants²⁾.



The MESMO® sensitive microtexture has a less rough open cell structure than the POLYtxt® standard

texture. Implants with this type of surface are easier to insert through smaller incisions.

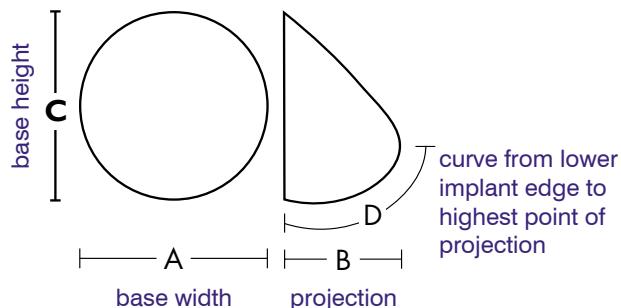


Breast implants with a smooth POLYsmooth™ surface are suitable for example for

insertions through axillary incisions.

Measurement D

The POLYTECH SublimeLine® implants feature the additional measurement D. This describes the distance between the highest point of projection of the implant and the lower implant edge. It creates a correlation between the optimum positioning of the areola and the inframammary fold. Using this measurement with anatomical implants will help to optimize the results.



The POLYTECH SublimeLine® implants are filled with EasyFit Gel™, a highly cross-linked and formstable silicone gel. The cohesive nature of the silicone gel allows the manufacturing of implants with different shapes and projections. The approach necessary for the implantation has to correspond to the implant size. After moderate compression the implant returns to its original shape due to the "memory effect" of the gel.

For the intra-operative determination of the optimum implant size there are sizers available in all variations marked with (*) in the tables on the following pages. They match the respective implant style. The smooth, silicone gel-filled sizers are provided non-sterile and are certified for resterilisation and reuse of the device. Particularly in breast reconstruction surgery this intra-operative tool has proved useful.

Indications for use

- Augmentation of the breast
- Reconstruction of the breast
- Correction of asymmetry
- Aplasia or hypoplasia
- Combined breast and thoracic deformities
- Ptosis or atrophy
- Implant replacement

Important information

Please note the detailed instructions for use included with each product.

The POLYTECH micropolyurethane-foam implant cover

One of the principle considerations for any elective operations, e. g. breast reconstruction or augmentation is to minimize the number of complications. The most common complication of breast-implant surgery is capsular contracture.

Implants covered with Microthane® (micropolyurethane foam) have been developed to minimize the capsular contracture rate. In extensive clinical studies over the past twenty years reviewing large numbers of patients, the capsular contracture rates (Baker classification III and IV) have been determined. The capsular contracture rate for Microthane®-covered implants in virgin tissue is 0 to 9% compared to 9 to 50% for other implants. In most of the large studies, the capsular contracture rate for Microthane®-covered implants is as low as 0 to 3%¹⁾. An extensive long-term study carried out in the United States using the Kaplan-Meier survival analysis confirms the significant reduction of the risk for capsular contracture with Microthane®-covered implants for up to 10 years after implantation. The statistics show that after 8 years the capsular contracture rate with Microthane®-covered implants compared to textured implants is 15% lower. It is even 30% lower compared to smooth implants²⁾.

The low capsular contracture rate is attributed to the ingrowth and micro-encapsulation of the fibroblasts in the polyurethane-foam matrix (fig. 2). Due to the active healing process, a linear capsular contracture (fig. 1) and the resulting disfigurement of the implant are drastically reduced. In contrast to smooth and textured implants around which a single large capsule is created, the Microthane®-covered implants – due to microencapsulation of the polyurethane foam – encourage the growth of numerous microcapsules around the foam, whereby contractile forces are neutralized.

The tissue fixation and the highly cross-linked silicone gel provide a natural feeling to the breast. Implant dislocation and rotation occur in such a low frequency that POLYTECH offers a 10-year warranty against these adverse events. The low capsular contracture rate also allows the prepectoral implantation and allows a pleasing aesthetic result for the augmentation and reconstruction of the breast.

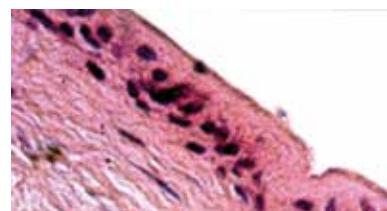
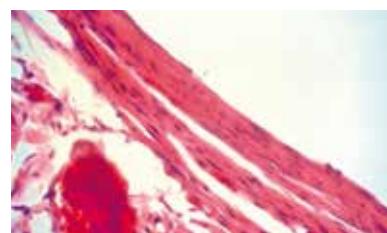
Due to the positive effect of tissue ingrowth, the foam is not visible at first sight after explantation. The polyurethane foam can only be made visible again when the capsule has been enzymatically degraded (fig. 3 and 4)³⁾!

In 1995, the American health authority "Food and Drug Administration" announced that the estimated excess cancer risk due to micropolyurethane-foam covered implants is less than one in one million over a woman's lifetime⁴⁾. This figure indicates that there exists no significant danger according to standard risk analysis⁵⁾. The general risk to suffer from breast cancer is, according to the WHO statistics, one in nine.

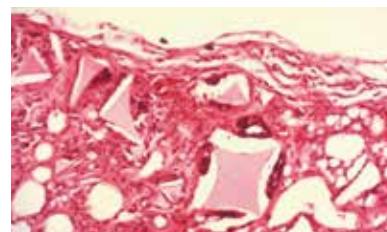
Summary

Patients with Microthane® implants are better protected against capsular contracture for up to 10 years after implantation. Additionally, the average period until reoperation after Microthane® implant insertion is longer than with smooth or textured implants. Due to the Microthane® implants' tissue ingrowth, implant dislocation and rotation very rarely occur.

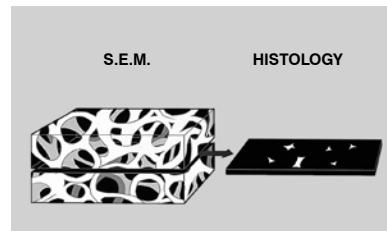
All advantages of Microthane® implants combined drastically reduce the total complication rate for the patient.



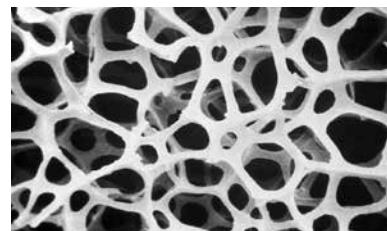
1 Passive healing:
Using smooth-walled silicone implants (fig. top), a capsule with low vascularization is formed around the foreign body. The contractile forces squeeze the implant and the originally soft consistence is lost; the breast becomes harder and is eventually deformed. This also happens with textured implants (fig. down), though the fibrotic pattern of the capsule is slightly fractured.



2 Active healing:
The structure of the Microthane® surface breaks the fibrotic pattern and actively encourages cellular involvement. It re-models the tissue into a sponge-like and richly vascular configuration around the implant.



3 On the left side, the three dimensional structure of Microthane® foam is shown as it could be seen through a scanning electron microscope (SEM). When sectioned for a histological study, the structure appears fragmentary even though it is complete.



4 Microthane® foam freed from tissue by enzymes 9 years after implantation.

Literature:

- 1) Handel, 1991; Pennisi, 1990; Shapiro, 1989; Hester et al., 2001; Baudelot, 1989; Gasperoni, 1992; Hermann, 1984; Eyssen, 1984; Schatten, 1984; Artz, 1988; Vázquez, 2007
- 2) Handel, 2006; 3) Szycher & Siciliano, 1991; 4) Food and Drug Administration, 1995; 5) Wilson, 1979



Microthane®

Même® – micropolyurethane-foam coated

	LP Low Projection				MP Moderate Projection				HP High Projection				XP Extra-High Projection				
Base (mm)	Order n°	Projection (mm)	Vol. (ml)	Order n°	Projection (mm)	Vol. (ml)	Order n°	Projection (mm)	Vol. (ml)	Order n°	Projection (mm)	Vol. (ml)	Order n°	Projection (mm)	Vol. (ml)		
73	73	30724-055 ^{1*}	25	46	55	30725-070 ^{1*}	30	51	70	30726-090 ^{1*}	36	55	90	30727-105*	42	59	105
78	78	30724-065 ¹	26	49	65	30725-090 ¹	32	54	90	30726-110 ¹	38	58	110	30727-125	45	63	125
83	83	30724-085 ^{1*}	26	51	85	30725-105 ^{1*}	33	57	105	30726-125 ^{1*}	39	62	125	30727-155*	47	66	155
88	88	30724-095 ¹	27	54	95	30725-120	34	60	120	30726-155	41	65	155	30727-180	49	70	180
93	93	30724-110*	28	57	110	30725-145*	35	63	145	30726-180*	42	68	180	30727-215*	51	73	215
98	98	30724-125	29	60	125	30725-165	37	66	165	30726-210	44	71	210	30727-250	53	77	250
103	103	30724-150*	30	62	150	30725-195*	38	69	195	30726-235*	46	75	235	30727-285*	55	81	285
108	108	30724-165	31	65	165	30725-220	39	72	220	30726-275	47	78	275	30727-330	57	84	330
113	113	30724-185*	31	68	185	30725-255*	40	75	255	30726-315*	49	81	315	30727-380*	59	88	380
118	118	30724-215	32	71	215	30725-285	42	78	285	30726-360	51	84	360	30727-430	61	91	430
123	123	30724-235*	33	73	235	30725-320*	43	81	320	30726-400*	53	87	400	30727-485*	63	95	485
128	128	30724-270	34	76	270	30725-360	45	84	360	30726-450	55	91	450	30727-545	65	98	545
133	133	30724-295*	35	79	295	30725-400*	46	87	400	30726-505*	57	94	505	30727-610*	67	102	610
138	138	30724-330	36	82	330	30725-445	47	90	445	30726-560	59	97	560	30727-675	69	105	675
143	143	30724-365*	37	85	365	30725-495 ^{1*}	49	93	495	30726-620*	61	100	620	30727-755 ^{1*}	71	109	755
148	148	30724-400 ¹	37	87	400	30725-545 ¹	50	96	545	30726-690 ¹	63	104	690	30727-830 ¹	73	112	830
153	153	30724-440 ^{1*}	38	90	440	30725-600 ^{1*}	51	99	600	30726-760 ^{1*}	64	107	760	30727-920 ^{1*}	75	116	920
158	158	30724-485 ¹	39	93	485	30725-660 ¹	53	102	660	30726-835 ¹	66	110	835	30727-1010 ¹	77	118	1010

POLYtxt®

Même® – textured (standard)

	LP Low Projection				MP Moderate Projection				HP High Projection				XP Extra-High Projection				
Base (mm)	Order n°	Projection (mm)	Vol. (ml)	Order n°	Projection (mm)	Vol. (ml)	Order n°	Projection (mm)	Vol. (ml)	Order n°	Projection (mm)	Vol. (ml)	Order n°	Projection (mm)	Vol. (ml)		
70	70	20724-055 ^{1*}	23	43	55	20725-070 ^{1*}	28	47	70	20726-090 ^{1*}	34	51	90	20727-105*	40	55	105
75	75	20724-065 ¹	24	46	65	20725-090 ¹	30	50	90	20726-110 ¹	36	54	110	20727-125	43	59	125
80	80	20724-085 ^{1*}	24	49	85	20725-105 ^{1*}	31	53	105	20726-125 ^{1*}	37	58	125	20727-155*	45	62	155
85	85	20724-095 ¹	25	51	95	20725-120	32	56	120	20726-155	39	61	155	20727-180	47	66	180
90	90	20724-110*	26	54	110	20725-145*	33	59	145	20726-180*	40	64	180	20727-215*	49	69	215
95	95	20724-125	27	57	125	20725-165	35	62	165	20726-210	42	67	210	20727-250	51	73	250
100	100	20724-150*	28	60	150	20725-195*	36	65	195	20726-235*	44	71	235	20727-285*	53	77	285
105	105	20724-165	29	62	165	20725-220	37	68	220	20726-275	45	74	275	20727-330	55	80	330
110	110	20724-185*	29	65	185	20725-255*	38	71	255	20726-315*	47	77	315	20727-380*	57	84	380
115	115	20724-215	30	68	215	20725-285	40	74	285	20726-360	49	80	360	20727-430	59	87	430
120	120	20724-235*	31	71	235	20725-320*	41	77	320	20726-400*	51	83	400	20727-485*	61	91	485
125	125	20724-270	32	73	270	20725-360	43	80	360	20726-450	53	87	450	20727-545	63	94	545
130	130	20724-295*	33	76	295	20725-400*	44	83	400	20726-505*	55	90	505	20727-610*	65	98	610
135	135	20724-330	34	79	330	20725-445	45	86	445	20726-560	57	93	560	20727-675	67	101	675
140	140	20724-365*	35	82	365	20725-495 ^{1*}	47	89	495	20726-620*	59	96	620	20727-755 ^{1*}	69	105	755
145	145	20724-400 ¹	35	85	400	20725-545 ¹	48	92	545	20726-690 ¹	61	100	690	20727-830 ¹	71	108	830
150	150	20724-440 ^{1*}	36	87	440	20725-600 ^{1*}	49	95	600	20726-760 ^{1*}	62	103	760	20727-920 ^{1*}	73	112	920
155	155	20724-485 ¹	37	90	485	20725-660 ¹	51	98	660	20726-835 ¹	64	106	835	20727-1010 ¹	75	115	1010

Sizers – available in all sizes marked with an asterisk (*)

* silicone-gel filled, smooth sizers, non-sterile, resterilisable, CE

Order n° e.g. 20724-150M, 20725-195M, 20726-235M, 20727-285M

¹ Products marked with (1) will be manufactured on demand as will products with volumes of more than 750 ml.

approximate measurements

Même® – microtextured

MESMO® sensitive

		MP Moderate Projection			HP High Projection			XP Extra-High Projection		
Base (mm)	Order n°	Projection (mm)	Vol. (ml)	Order n°	Projection (mm)	Vol. (ml)	Order n°	Projection (mm)	Vol. (ml)	
85	85	15725-120	32	56	120	15726-155	39	61	155	
90	90	15725-145*	33	59	145	15726-180*	40	64	180	
95	95	15725-165	35	62	165	15726-210	42	67	210	
100	100	15725-195*	36	65	195	15726-235*	44	71	235	
103	103				15726-255	45	72	255	15727-305	
105	105	15725-220	37	68	220	15726-275	45	74	275	
108	108				15726-295	46	75	295	15727-355	
110	110	15725-255*	38	71	255	15726-315*	47	77	315	
113	113				15726-335	48	79	335		
115	115	15725-285	40	74	285	15726-360	49	80	360	
118	118	15725-300	40	75	300					
120	120	15725-320*	41	77	320	15726-400*	51	83	400	
125	125	15725-360	43	80	360	15726-450	53	87	450	
130	130	15725-400*	44	83	400	15726-505*	55	90	505	
135	135	15725-445	45	86	445	15726-560	57	93	560	
140	140				15726-620*	59	96	620		

Même® – smooth

POLYsmooth™

		LP Low Projection			MP Moderate Projection			HP High Projection			XP Extra-High Projection		
Base (mm)	Order n°	Projection (mm)	Vol. (ml)	Order n°	Projection (mm)	Vol. (ml)	Order n°	Projection (mm)	Vol. (ml)	Order n°	Projection (mm)	Vol. (ml)	
70	70	10724-055*	23	43	55	10725-070*	28	47	70	10726-090*	34	51	
75	75	10724-065 ¹	24	46	65	10725-090 ¹	30	50	90	10726-110 ¹	36	54	
80	80	10724-085*	24	49	85	10725-105*	31	53	105	10726-125*	37	58	
85	85	10724-095 ¹	25	51	95	10725-120	32	56	120	10726-155	39	61	
90	90	10724-110*	26	54	110	10725-145*	33	59	145	10726-180*	40	64	
95	95	10724-125	27	57	125	10725-165	35	62	165	10726-210	42	67	
100	100	10724-150*	28	60	150	10725-195*	36	65	195	10726-235*	44	71	
105	105	10724-165	29	62	165	10725-220	37	68	220	10726-275	45	74	
110	110	10724-185*	29	65	185	10725-255*	38	71	255	10726-315*	47	77	
115	115	10724-215	30	68	215	10725-285	40	74	285	10726-360	49	80	
120	120	10724-235*	31	71	235	10725-320*	41	77	320	10726-400*	51	83	
125	125	10724-270	32	73	270	10725-360	43	80	360	10726-450	53	87	
130	130	10724-295*	33	76	295	10725-400*	44	83	400	10726-505*	55	90	
135	135	10724-330	34	79	330	10725-445	45	86	445	10726-560	57	93	
140	140	10724-365*	35	82	365	10725-495*	47	89	495	10726-620*	59	96	
145	145	10724-400 ¹	35	85	400	10725-545 ¹	48	92	545	10726-690 ¹	61	100	
150	150	10724-440*	36	87	440	10725-600*	49	95	600	10726-760*	62	103	
155	155	10724-485 ¹	37	90	485	10725-660 ¹	51	98	660	10726-835 ¹	64	106	

Sizers – available in all sizes marked with an asterisk (*)

* silicone-gel filled, smooth sizers, non-sterile, resterilisable, CE

Order n° e.g. 20724-150M, 20725-195M, 20726-235M, 20727-285M

¹ Products marked with (1) will be manufactured on demand as will products with volumes of more than 750 ml.

approximate measurements



Microthane®

Replicon® – micropolyurethane-foam coated

LP Low Projection				MP Moderate Projection			HP High Projection			XP Extra-High Projection			
Base (mm)	Order n°	Projection (mm)	Vol. (ml)	Order n°	Projection (mm)	Vol. (ml)	Order n°	Projection (mm)	Vol. (ml)	Order n°	Projection (mm)	Vol. (ml)	
73	73	30734-050*	25	34	50	30735-065*	30	41	65	30736-075*	36	46	75
78	78	30734-060 ¹	26	36	60	30735-075 ¹	32	43	75	30736-095 ¹	38	48	95
83	83	30734-070*	26	38	70	30735-095*	33	45	95	30736-115*	39	51	115
88	88	30734-085 ¹	27	40	85	30735-110	34	48	110	30736-130	41	53	130
93	93	30734-100*	28	42	100	30735-125*	35	50	125	30736-160*	42	56	160
98	98	30734-110	29	44	110	30735-150	37	52	150	30736-180	44	58	180
103	103	30734-125*	30	46	125	30735-170*	38	54	170	30736-210*	46	61	210
108	108	30734-150	31	48	150	30735-195	39	56	195	30736-240	47	63	240
113	113	30734-165*	31	50	165	30735-220*	40	59	220	30736-275*	49	66	275
118	118	30734-185	32	52	185	30735-255	42	61	255	30736-315	51	68	315
123	123	30734-210*	33	54	210	30735-280*	43	63	280	30736-350*	53	71	350
128	128	30734-235	34	56	235	30735-320	45	65	320	30736-395	55	73	395
133	133	30734-265*	35	58	265	30735-350*	46	67	350	30736-445*	57	76	445
138	138	30734-290	36	59	290	30735-390	47	70	390	30736-495	59	78	495
143	143	30734-320*	37	61	320	30735-435*	49	72	435	30736-550*	61	81	550
148	148	30734-350	37	63	350	30735-480	50	74	480	30736-605 ¹	63	83	605
153	153	30734-390*	38	65	390	30735-530*	51	76	530	30736-670*	64	86	670
158	158	30734-425	39	67	425	30735-580	53	78	580	30736-735 ¹	66	88	735
													890

POLYtxt®

Replicon® – textured (standard)

LP Low Projection				MP Moderate Projection			HP High Projection			XP Extra-High Projection			
Base (mm)	Order n°	Projection (mm)	Vol. (ml)	Order n°	Projection (mm)	Vol. (ml)	Order n°	Projection (mm)	Vol. (ml)	Order n°	Projection (mm)	Vol. (ml)	
70	70	20734-050*	23	33	50	20735-065*	28	37	65	20736-075*	34	42	75
75	75	20734-060 ¹	24	34	60	20735-075 ¹	30	39	75	20736-095 ¹	36	44	95
80	80	20734-070*	24	36	70	20735-095*	31	41	95	20736-115*	37	47	115
85	85	20734-085 ¹	25	38	85	20735-110	32	44	110	20736-130*	39	49	130
90	90	20734-100*	26	40	100	20735-125*	33	46	125	20736-160*	40	52	160
95	95	20734-110	27	42	110	20735-150	35	48	150	20736-180	42	54	180
100	100	20734-125*	28	44	125	20735-170*	36	50	170	20736-210*	44	57	210
105	105	20734-150	29	46	150	20735-195	37	52	195	20736-240	45	59	240
110	110	20734-165*	29	48	165	20735-220*	38	55	220	20736-275*	47	62	275
115	115	20734-185	30	50	185	20735-255	40	57	255	20736-315	49	64	315
120	120	20734-210*	31	52	210	20735-280*	41	59	280	20736-350*	51	67	350
125	125	20734-235	32	54	235	20735-320	43	61	320	20736-395	53	69	395
130	130	20734-265*	33	56	265	20735-350*	44	63	350	20736-445*	55	72	445
135	135	20734-290	34	58	290	20735-390	45	66	390	20736-495	57	74	495
140	140	20734-320*	35	59	320	20735-435*	47	68	435	20736-550*	59	77	550
145	145	20734-350	35	61	350	20735-480	48	70	480	20736-605 ¹	61	79	605
150	150	20734-390*	36	63	390	20735-530*	49	72	530	20736-670*	62	82	670
155	155	20734-425	37	65	425	20735-580	51	74	580	20736-735 ¹	64	84	735
													890

Sizers – available in all sizes marked with an asterisk (*)

* silicone-gel filled, smooth sizers, non-sterile, resterilisable, CE

Order n° e.g. 20734-125M, 20735-170M, 20736-210M, 20737-255M

¹ Products marked with (1) will be manufactured on demand as will products with volumes of more than 750 ml.

approximate measurements

MESMO[®] sensitive

Replicon[®] – softtexturiert

		MP Moderate Projection			HP High Projection		
Base (mm)	Order n°	Projection (mm)	Vol. (ml)	Order n°	Projection (mm)	Vol. (ml)	
 		 			 		
100	100			15736-210*	44	57	210
105	105			15736-240	45	59	240
110	110	15735-220*	38 55	220 15736-275*	47	62	275
115	115	15735-255	40 57	255 15736-315	49	64	315
120	120	15735-280*	41 59	280 15736-350*	51	67	350
125	125	15735-320	43 61	320 15736-395	53	69	395
130	130	15735-350*	44 63	350 15736-445*	55	72	445
135	135	15735-390	45 66	390 15736-495	57	74	495
140	140	15735-435*	47 68	435 15736-550*	59	77	550

We listen to you

The research & development team at POLYTECH Health & Aesthetics has a long-standing tradition of cooperation with physicians. Since 1991/92, we have manufactured breast implants under our own direction. We perfected the polyurethane-coated implants, and we were able to do this because of our permanent exchange of ideas with physicians.

Our active cooperation with physicians permitted us to compile a wide portfolio of new products. To date, the cooperation based on partnership and the continuous dialog with physicians rank high for us and are pivotal for the successful adoption of our products.

This is why we listen to you. It is you who are working with our products in the operation theatre and you are in direct contact with the patients, hear how satisfied they are. Your experience and feedback are important to us. Optimizing our products is to your benefit, as your patients' satisfaction level grows.

Please do not hesitate to contact us if you have ideas for product optimization or new products:
productmanagement@polytechhealth.com

Sizers – available in all sizes marked with an asterisk (*)

* silicone-gel filled, smooth sizers, non-sterile, resterilisable, CE

Order n° e.g. 20736-220M, 20737-275M

¹ Products marked with (1) will be manufactured on demand as will products with volumes of more than 750 ml.

approximate measurements

Microthane®

Opticon® – micropolyurethane-foam coated

LP Low Projection				MP Moderate Projection			HP High Projection			XP Extra-High Projection		
Base (mm)	Order n°	Projection (mm)	Vol. (ml)	Order n°	Projection (mm)	Vol. (ml)	Order n°	Projection (mm)	Vol. (ml)	Order n°	Projection (mm)	Vol. (ml)
 		 		 			 			 		
73	62	30744-045*	25	32	45	30745-055*	30	39	55	30746-065*	36	44
78	66	30744-050 ¹	26	34	50	30745-065 ¹	32	41	65	30746-075 ¹	38	46
83	70	30744-060*	26	35	60	30745-075*	33	43	75	30746-095*	39	48
88	74	30744-070 ¹	27	37	70	30745-095 ¹	34	45	95	30746-115	41	51
93	79	30744-085*	28	39	85	30745-105*	35	47	105	30746-130*	42	53
98	83	30744-095 ¹	29	41	95	30745-125	37	49	125	30746-155	44	55
103	87	30744-110*	30	42	110	30745-145*	38	51	145	30746-175*	46	58
108	91	30744-120	31	44	120	30745-165	39	53	165	30746-205	47	60
113	95	30744-140*	31	46	140	30745-185*	40	55	185	30746-230*	49	62
118	100	30744-160	32	48	160	30745-210	42	57	210	30746-265	51	65
123	104	30744-175*	33	49	175	30745-235*	43	59	235	30746-295*	53	67
128	108	30744-200	34	51	200	30745-265	45	61	265	30746-335	55	69
133	112	30744-220*	35	53	220	30745-295*	46	63	295	30746-375*	57	72
138	116	30744-240	36	55	240	30745-330	47	65	330	30746-420	59	74
143	121	30744-270*	37	56	270	30745-365*	49	67	365	30746-460*	61	76
148	125	30744-295	37	58	295	30745-400	50	69	400	30746-510	63	79
153	129	30744-325*	38	60	325	30745-445*	51	71	445	30746-560*	64	81
158	133	30744-360	39	62	360	30745-490	53	73	490	30746-615	66	84

POLYtxt®

Opticon® – textured (standard)

LP Low Projection				MP Moderate Projection			HP High Projection			XP Extra-High Projection		
Base (mm)	Order n°	Projection (mm)	Vol. (ml)	Order n°	Projection (mm)	Vol. (ml)	Order n°	Projection (mm)	Vol. (ml)	Order n°	Projection (mm)	Vol. (ml)
 		 		 			 			 		
70	59	20744-045*	23	30	45	20745-055*	28	35	55	20746-065*	34	40
75	63	20744-050 ¹	24	32	50	20745-065 ¹	30	37	65	20746-075 ¹	36	42
80	67	20744-060*	24	34	60	20745-075*	31	39	75	20746-095*	37	44
85	71	20744-070 ¹	25	35	70	20745-095 ¹	32	41	95	20746-115	39	47
90	76	20744-085*	26	37	85	20745-105*	33	43	105	20746-130*	40	49
95	80	20744-095 ¹	27	39	95	20745-125	35	45	125	20746-155	42	51
100	84	20744-110*	28	41	110	20745-145*	36	47	145	20746-175*	44	54
105	88	20744-120	29	42	120	20745-165	37	49	165	20746-205	45	56
110	92	20744-140*	29	44	140	20745-185*	38	51	185	20746-230*	47	58
115	97	20744-160	30	46	160	20745-210	40	53	210	20746-265	49	61
120	101	20744-175*	31	48	175	20745-235*	41	55	235	20746-295*	51	63
125	105	20744-200	32	49	200	20745-265	43	57	265	20746-335	53	65
130	109	20744-220*	33	51	220	20745-295*	44	59	295	20746-375*	55	68
135	113	20744-240	34	53	240	20745-330	45	61	330	20746-420	57	70
140	118	20744-270*	35	55	270	20745-365*	47	63	365	20746-460*	59	72
145	122	20744-295	35	56	295	20745-400	48	65	400	20746-510	61	75
150	126	20744-325*	36	58	325	20745-445*	49	67	445	20746-560*	62	77
155	130	20744-360	37	60	360	20745-490	51	69	490	20746-615	64	80

Sizers – available in all sizes marked with an asterisk (*)

* silicone-gel filled, smooth sizers, non-sterile, resterilisable, CE

Order n° e.g. 20744-140M, 20745-185M, 20746-230M, 20747-280M

¹ Products marked with (1) will be manufactured on demand as will products with volumes of more than 750 ml.

approximate measurements



Microthane®

Optimam® – micropolyurethane-foam coated

		LP Low Projection			MP Moderate Projection			HP High Projection			XP Extra-High Projection		
Base (mm)	Order n°	Projection (mm)	Vol. (ml)	Order n°	Projection (mm)	Vol. (ml)	Order n°	Projection (mm)	Vol. (ml)	Order n°	Projection (mm)	Vol. (ml)	
 		 		 			 			 			
73	84	30774-060 ^{1*}	25	37	60	30775-075 ^{1*}	30	43	75	30776-095 ^{1*}	36	48	
78	90	30774-070 ¹	26	38	70	30775-090 ¹	32	45	90	30776-110 ¹	38	50	
83	96	30774-085 ^{1*}	26	41	85	30775-105 ^{1*}	33	48	105	30776-130 ^{1*}	39	53	
88	102	30774-100 ¹	27	43	100	30775-125	34	50	125	30776-155	41	56	
93	107	30774-110 [*]	28	45	110	30775-150 [*]	35	52	150	30776-180 [*]	42	58	
98	113	30774-130	29	47	130	30775-170	37	55	170	30776-215	44	61	
103	119	30774-150 [*]	30	49	150	30775-200 [*]	38	57	200	30776-250 [*]	46	64	
108	125	30774-170	31	51	170	30775-225	39	60	225	30776-280	47	66	
113	131	30774-195 [*]	31	54	195	30775-260 [*]	40	62	260	30776-320 [*]	49	69	
118	136	30774-220	32	56	220	30775-290	42	64	290	30776-365	51	72	
123	142	30774-240 [*]	33	58	240	30775-330 [*]	43	67	330	30776-415 [*]	53	74	
128	148	30774-275	34	60	275	30775-370	45	69	370	30776-460	55	77	
133	154	30774-305 [*]	35	62	305	30775-405 [*]	46	71	405	30776-515 [*]	57	80	
138	160	30774-335	36	64	335	30775-455	47	74	455	30776-570	59	82	
143	165	30774-375 [*]	37	66	375	30775-505 [*]	49	76	505	30776-640 [*]	61	85	
148	171	30774-415	37	68	415	30775-555	50	78	555	30776-705 ¹	63	88	
153	177	30774-450 [*]	38	70	450	30775-610 [*]	51	81	610	30776-775 ^{1*}	64	90	
158	183	30774-495	39	72	495	30775-670	53	83	670	30776-855 ¹	66	93	



POLYtxt®

Optimam® – textured (standard)

		LP Low Projection			MP Moderate Projection			HP High Projection			XP Extra-High Projection		
Base (mm)	Order n°	Projection (mm)	Vol. (ml)	Order n°	Projection (mm)	Vol. (ml)	Order n°	Projection (mm)	Vol. (ml)	Order n°	Projection (mm)	Vol. (ml)	
 		 		 			 			 			
73	84	20774-060 ^{1*}	23	35	60	20775-075 ^{1*}	28	39	75	20776-095 ^{1*}	34	44	
78	90	20774-070 ¹	24	37	70	20775-090 ¹	30	41	90	20776-110 ¹	36	46	
83	96	20774-085 ^{1*}	24	39	85	20775-105 ^{1*}	31	44	105	20776-130 ^{1*}	37	49	
88	102	20774-100 ¹	25	41	100	20775-125	32	46	125	20776-155	39	52	
93	107	20774-110 [*]	26	43	110	20775-150 [*]	33	48	150	20776-180 [*]	40	54	
98	113	20774-130	27	45	130	20775-170	35	51	170	20776-215	42	57	
103	119	20774-150 [*]	28	47	150	20775-200 [*]	36	53	200	20776-250 [*]	44	60	
108	125	20774-170	29	49	170	20775-225	37	56	225	20776-280	45	62	
113	131	20774-195 [*]	29	51	195	20775-260 [*]	38	58	260	20776-320 [*]	47	65	
118	136	20774-220	30	54	220	20775-290	40	60	290	20776-365	49	68	
123	142	20774-240 [*]	31	56	240	20775-330 [*]	41	63	330	20776-415 [*]	51	70	
128	148	20774-275	32	58	275	20775-370	43	65	370	20776-460	53	73	
133	154	20774-305 [*]	33	60	305	20775-405 [*]	44	67	405	20776-515 [*]	55	76	
138	160	20774-335	34	62	335	20775-455	45	70	455	20776-570	57	78	
143	165	20774-375 [*]	35	64	375	20775-505 [*]	47	72	505	20776-640 [*]	59	81	
148	171	20774-415	35	66	415	20775-555	48	74	555	20776-705 ¹	61	84	
153	177	20774-450 [*]	36	68	450	20775-610 [*]	49	77	610	20776-775 ^{1*}	62	86	
158	183	20774-495	37	70	495	20775-670	51	79	670	20776-855 ¹	64	89	

Sizers – available in all sizes marked with an asterisk (*)

* silicone-gel filled, smooth sizers, non-sterile, resterilisable, CE

Order n° e.g. 20774-195M, 20775-260M, 20776-320M, 20777-385M

¹ Products marked with (1) will be manufactured on demand as will products with volumes of more than 750 ml.

approximate measurements

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