

COPSIL

SILICONES DESIGNED FOR YOUR ORTHOPEDIC APPLICATIONS

We design, synthesize and formulate a range of skin-contact silicones combining comfort and performance.



OUR PRODUCTS



Comfort gels

COPSIL GEL are very soft and dry silicone gels for making anti-bedsore cushions or pads. Also available in sheets.



Molded liners

COPSIL range is made up of silicones adapted to the manufacture of custom liners.



Soft socket

COPSIL SOCKET is a silicone designed for the production of soft socket.



Socket duplication

COPSIL 65 is a silicone elastomer for copying socket.



3D Printing

COPSIL 3D® range is designed for the manufacture of flexible parts with complex designs or for prototyping.



Finish coating

SILISKIN is a Soft-Touch silicone coating that improves slip and abrasion resistance of parts subject to friction (liners, HTV orthotics, etc.).

OUR SERVICES

- ✓ Development of customized materials
- ✓ Mechanical analysis and characterization
- ✓ Training in polymer processing
- ✓ Legal service and documentation
- ✓ 3D Silicone prototyping

CATALOGUE



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OUR SILICONE RANGE

Anti-bedsores gel sheets		Comfort inserts and pads		Molded liners										Soft socket		Socket copy		Molding or impression		Orthoplasties, refills, masking		Customized production and prototyping	
																							
				Proprioception																			
				Comfort																			
COPSIL GEL 00		COPSIL GEL 25		COPSIL 2 (WHITE)		COPSIL 3 (WHITE)		COPSIL 5		COPSIL 12		COPSIL 16		COPSIL 20		COPSIL 65 (BLUE)		COPSIL DUPLICATOR		SIPORTHO COPSIL 3D®			
1 h 40	1 h 30	20 min*	25 min	20 min*	20 min*	30 min*	30 min	25 min	30 min	30 min	30 min	30 min	30 min	25 min	30 min	3 min	4 min	3 min	3 min	4 min	50 min		
6 h	3 h	1 h 30*	45 min	45 min*	45 min*	1 h 15*	50 min	2 h	50 min	50 min	50 min	50 min	50 min	2 h	15 min	15 min	10 min	8 min	8 min	1 h			
4 000	6 800	5 000	6 000	5 500	6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000	3 250	50 000	Thixotropic	-	-	Thixotropic			
25 Sh 000	25 Sh 00	33 Sh 00 2 Sh A	40 Sh 00 3 Sh A	50 Sh 00 5 Sh A	50 Sh 00 5 Sh A	12 Sh A	16 Sh A	20 Sh A	16 Sh A	16 Sh A	16 Sh A	16 Sh A	16 Sh A	20 Sh A	40 Sh A	60 Sh A	22 Sh A	20, 35 et 50 Sh A	20, 35 et 50 Sh A	5 à 40 Sh A			

*Also available in a slow version