

Silicones

Delivering
your
potential

Silbione



When comfort meets durability
Silbione® soft RTV, Gel & Foam

Silbione® RTV elastomers

Outstanding balance between low viscosity for easy casting and high mechanical properties for durability

	Silbione Reference	Color	Hardness ShA (Sh00)	Viscosity Pa.s 23°C	Maximum working time 23°C (Quick)	Total setting time 23°C (Quick)	Tear strength N/mm	Cytotoxicity Skin sensitization Skin Irritation (ISO 10993)	Comment
Pastes	RTV 4335	Pink	35	paste	2'	5'		•••	Foot care
	RTV 4345	Brown	45	paste	1'50"	3'50"		•••	Foot care
Ultra Soft RTVs	RTV 4511	Trans or blue	(11)	1,2	60' (25')	90' (35')		•••	Cushion & shoe inlay
	RTV 4524	Trans or skin	(23 to 28)	1 to 3,2	2h (25') (5')	(45') (10')		•••	Cushion & shoe inlay
Soft RTVs Low mechanical	RTV 4407	Translucent	7	1	20'	45'	1	•••	Pellots, bandages
	RTV 4417	Translucent	16	3	10'		4	•••	Pellots, bandages
Soft RTVs High mechanical performance	RTV 4528	Translucent	(28)	4	1h10'	3h	3	•••	Liner
	RTV 4404	Translucent	4	1,9	40'	3h	9	•••	Liner
	RTV 4408	Translucent	8	1,5	2h (50')	6h	14	•••	Liner
	RTV 4410	Skin or trans	10	1,9	1h10' (10')		15	•••	Liner
Soft RTVs Specific performance	RTV 4411	Translucent	11	7,5	60'	3h	12	•••	Liner
	RTV 4410 LD	White	10	5,2	35'		6,5	•••	Low density
	RTV 4408 CLR	Transparent	8	8,5	1h50'		5	•••	Transparent
Mid-durometer RTVs	RTV 4418 ADH	Translucent	18	10,5	55'			•••	Adhesive for liner
	RTV 4420	Translucent	20	4	50' (3')	3h (35')	15	•••	Multi-purpose
	RTV 4428	Translucent	28	20	90'	16h	20	•••	Multi-purpose, 10:1 system
	RTV 4439	Translucent	40	7	25'		2,5	•••	Multi-purpose

Silbione® RT Gels & RT Foam

Precisely controlled gels with excellent compromise between dampening & rebound

	Silbione Reference	Color	Density	Viscosity Pa.s 23°C	Maximum working time	Penetration (mm/10)	Cytotoxicity Skin sensitization Skin Irritation (ISO 10993)	Comment
Pressure care & cushions	RT GEL 4220	Transparent	0,98	1	50' at 23°C	190	•••	Also exists as Quick
	RT GEL 4120	Blue	0,98	1,6	100' at 23°C	200	•••	
	RT GEL 4222	White	0,98	1,1	50' at 23°C	215	•••	
	RT GEL 4521 LD	White	0,72	6	60' at 23°C	190	•••	Low density
External breast prosthesis	RT GEL 4122	Skin	0,98	0,45	9' at 80°C	215	•••	
	RT GEL 4021 QC	Skin or trans	0,98	0,3	70' at 23°C	220	•••	
	RT GEL 4022	Skin	0,98	0,3	10' at 80°C	220	•••	
	RT GEL 4123	Skin	0,98	0,6	10' at 80°C	230	•••	
	RT GEL 4023 ADV	Skin	0,98	0,25	7' at 70°C	240	•••	No odor with PU film
	RT GEL 4028 QCADV	Skin	0,98	0,3	35' at 23°C	260	•••	No odor with PU film
	RT GEL 4421 LD	White	0,8	9	14' at 50°C	215	•••	Low density
	RT GEL 4324 LD	White	0,75	3	20' at 50°C	235	•••	Low density
	RT GEL 4622 SLD	Skin	0,6	8	5' at 50°C	210	•••	Super Low Density
Foam	RT GEL 4725 SLD	White	0,62	10	15' at 50°C	235	•••	Super Low Density
	RT FOAM 4241	White	0,25	15		DS00 40	•••	Rise time 4' at 23°C dennold time 30'

The typical properties listed above are not intended for use in preparing specifications for any particular application. User has sole responsibility to determine product suitability for intended uses and applications.

Customized grades upon request. Silbione® is a registered trademark of Elkem Silicones.

For detailed commercial contacts please visit our website:
www.silicones.elkem.com

Elkem Silicones France SAS
21 avenue Georges Pompidou
F-69466 Lyon Cedex 03 - France
Tel.: +33 (0)4 72 13 19 00
Fax: +33 (0)4 72 13 19 88

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