

Extreme Cool Thermal Compounds



Thermal Paste



Thermal Pads



Thermal Adhesives
& Glue

Product Catalogue

Thermal Interface Materials
by Jaden Technologies GmbH





About EC360® Thermal Compounds

EC360® (Jaden Technologies GmbH) is a privately owned, family-run company based in Duisburg, Germany. Founded in 2010, the company has grown continuously since. Initially, as a manufacturer of passive cooling solutions for computer systems and in particular game consoles, the company has become one of the most prominent suppliers of thermal compounds. We are specialized in industrial cutting of thermal pads in special shapes, as well as the production of custom thermal materials tailored to customer requirements.

Our products are sold worldwide in over 127 countries, with a special focus on private and business customers in Germany and the E.U. Our product portfolio, consisting of thermal pads, pastes and adhesives, is known for excellent quality at a fair price. Anyone who works for us knows that quality is a dynamic and lively topic and requires discipline across the entire supply chain. From the design phase to delivery.

Our thermal compounds are used across the entire industry. Our customers are manufacturers of mobile phones, computers and industrial machines, as well as universities and research institutes, such as CERN. Our customers appreciate the possibility that each of our products can be designed individually, for every possible application, thermal compounds can be offered in the required size and with tiered discounts when purchasing large quantities.

We stay true to our principles and are loyal to our employees. We are constantly researching new technologies, because it is our belief that only experience, knowledge and interdisciplinary thinking can solve the important tasks of our time.

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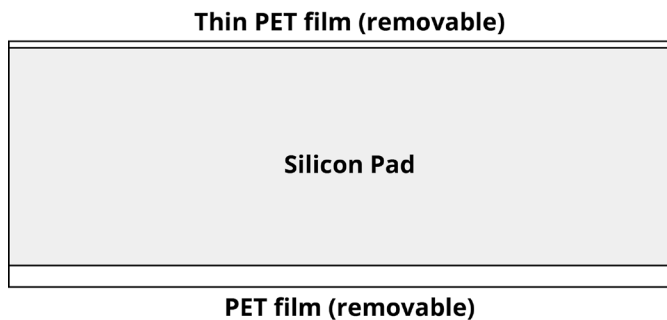
✱EC360GREEN

Silicone-Based Thermal Pad Series

The EC360® GREEN series presents silicone-based thermal pads for a low price, featuring a balanced thermal conductivity of 2.5 W/mK, suitable for most applications, commonly installed on memory chips and other electrical components. The perfect solution for heat-transfer in adverse surface

conditions when the use of thermal paste is unsuitable. Being based on silicone, they have good elasticity and compression abilities. This means this type of thermal pad will spring back into its original form even after longer periods of compression and perfectly adapt to any tiny surface irregularity.

Cross-Section View



A full silicone pad covered with a PET film on both contact surfaces for increased stability and easy installation. Both are to be removed for installation.

* Custom configurations are available upon request, for worldwide industrial inquiries please contact us at: sales@extremecool360.com

Types and Configurations

Thickness*	Available sizes*
0.5 mm / 0.02 "	50x50 mm, 100x100 mm, 200x200 mm
1.0 mm / 0.04 "	50x50 mm, 100x100 mm, 200x200 mm
1.5 mm / 0.06 "	50x50 mm, 100x100 mm, 200x200 mm
2.0 mm / 0.08 "	50x50 mm, 100x100 mm, 200x200 mm
3.0 mm / 0.12 "	50x50 mm, 100x100 mm, 200x200 mm
4.0 mm / 0.16 "	50x50 mm, 100x100 mm, 200x200 mm
5.0 mm / 0.20 "	50x50 mm, 100x100 mm, 200x200 mm

Technical Properties

Properties	Unit	Value	Test method
Color	-	green	Visual
Thermal Conductivity	W/mK	2.5	ASTM D5470
Specific Gravity	g / cm ³	1.6	ASTM D 792
Hardness	Shore C	40	ASTM D 2240
Tensile Strength	psi	5.88	ASTM D 412
Volume Impedance	Ohm-cm	1.0 x10 ¹¹	ASTM D 257
Breakdown Voltage	kV/mm	4.0	ASTM D 149
Usable Temperatures	°C	-40 - 240	EN 344
Flame Rating	-	VO	UL 94

Pricing

Variante	MPN	EAN	1	2+	4+	8+	16+	32+	50+	100+	200+	500+
50 x 50 x 2.0 mm	EC360P011	0748388847243	€2.75	€2.59	€2.42	€2.34	€2.17	€2.04	€1.90	€1.79	€1.71	€1.65
100 x 100 x 0.5 mm	EC360P015	0716073556954	€2.49	€2.34	€2.19	€2.12	€1.97	€1.84	€1.72	€1.62	€1.54	€1.49
100 x 100 x 1.0 mm	EC360P016	0716073556961	€3.00	€2.82	€2.64	€2.55	€2.37	€2.22	€2.07	€1.95	€1.86	€1.80
100 x 100 x 1.5 mm	EC360P017	0716073556978	€3.49	€3.28	€3.07	€2.97	€2.76	€2.58	€2.41	€2.27	€2.16	€2.09
100 x 100 x 2.0 mm	EC360P018	0716073556985	€4.00	€3.76	€3.52	€3.40	€3.16	€2.96	€2.76	€2.60	€2.48	€2.40
100 x 100 x 3.0 mm	EC360P019	0716073557005	€4.49	€4.22	€3.95	€3.82	€3.55	€3.32	€3.10	€2.92	€2.78	€2.69
100 x 100 x 4.0 mm	EC360P020	0716073557012	€5.49	€5.16	€4.83	€4.67	€4.34	€4.06	€3.79	€3.57	€3.40	€3.29
100 x 100 x 5.0 mm	EC360P021	0716073557029	€5.99	€5.63	€5.27	€5.09	€4.73	€4.43	€4.13	€3.89	€3.71	€3.59
200 x 200 x 0.5 mm	EC360P022	0748388847281	€8.99	€8.45	€7.91	€7.64	€7.10	€6.65	€6.20	€5.84	€5.57	€5.39
200 x 200 x 1.0 mm	EC360P023	0748388847298	€9.99	€9.39	€8.79	€8.49	€7.89	€7.39	€6.89	€6.49	€6.19	€5.99
200 x 200 x 1.5 mm	EC360P024	0748388847304	€10.99	€10.33	€9.67	€9.34	€8.68	€8.13	€7.58	€7.14	€6.81	€6.59
200 x 200 x 2.0 mm	EC360P025	0748388847311	€12.99	€12.21	€11.43	€11.04	€10.26	€9.61	€8.96	€8.44	€8.05	€7.79
200 x 200 x 3.0 mm	EC360P026	0748388847328	€14.99	€14.09	€13.19	€12.74	€11.84	€11.09	€10.34	€9.74	€9.29	€8.99
200 x 200 x 4.0 mm	EC360P027	0748388847335	€17.99	€16.91	€15.83	€15.29	€14.21	€13.31	€12.41	€11.69	€11.15	€10.79
200 x 200 x 5.0 mm	EC360P028	0748388847342	€21.99	€20.67	€19.35	€18.69	€17.37	€16.27	€15.17	€14.29	€13.63	€13.19



Disclaimer: Properties of the products may be revised due to changes in the manufacturing process. The property values in this document are not guaranteed. This product is made of silicone, this means silicone oil may exude from the product and low molecular siloxane may vaporize depending on operating conditions. This product is designed and manufactured for general industrial use only. Never use this product for medical, surgical purposes and/or other purposes. Never use this product for the purpose of implantation and/or other purposes by which a part of the product remains in the human body. Before using safety must be evaluated and verified by the purchaser. Contents described in the document do not guarantee performances and qualities required for the purchaser's specific purposes. Statements concerning possible or suggested uses made herein may not be relied upon.

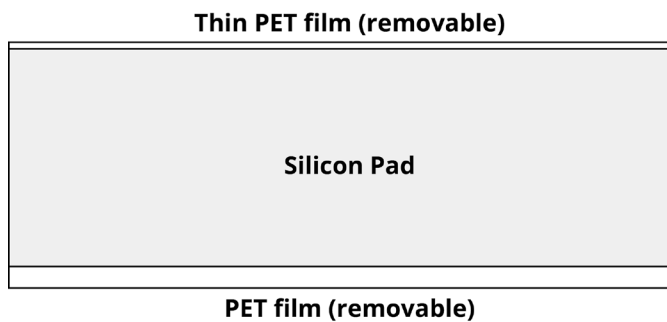
EC360 BLUE

Silicone-based Thermal Pad Series

The EC360® BLUE series presents silicone-based thermal pads with the best price-performance ratio regarding thermal conductivity. It features the highest thermal conductivity for our silicone-based thermal pads of 5 W/mK and is suitable for a variety of applications including GPUs (that are cooled by thermal pads), memory chips and other electrical components.

It is the perfect solution for heat-transfer in adverse surface conditions when the use of thermal paste is unsuitable. Being based on silicone, they have good elasticity and compression abilities. This means this type of thermal pad will spring back into its original form even after longer periods of compression and perfectly adapt to any tiny surface irregularity.

Cross-section view



A full silicone pad covered with a PET film on both contact surfaces for increased stability and easy installation. Both are to be removed for installation.

* Custom configurations are available upon request, for worldwide industrial inquiries please contact us at: sales@extremecool360.com

Types and Configurations

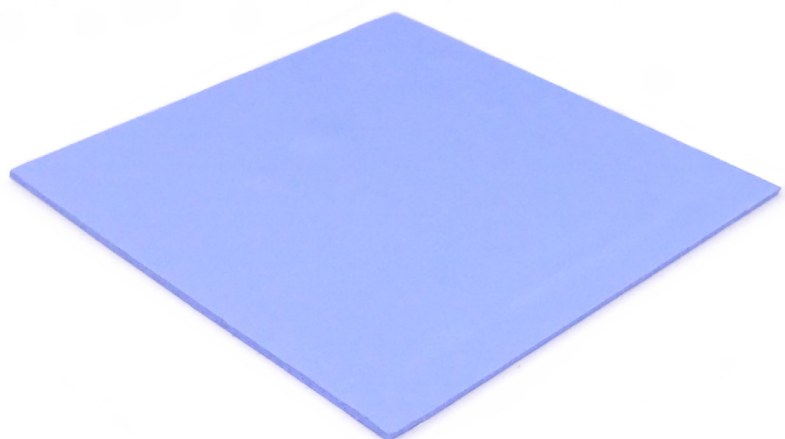
Thickness*	Available sizes*
0.5 mm / 0.02 "	50x50 mm, 100x100 mm, 200x200 mm
1.0 mm / 0.04 "	50x50 mm, 100x100 mm, 200x200 mm
1.5 mm / 0.06 "	50x50 mm, 100x100 mm, 200x200 mm
2.0 mm / 0.08 "	50x50 mm, 100x100 mm, 200x200 mm
3.0 mm / 0.12 "	50x50 mm, 100x100 mm, 200x200 mm
4.0 mm / 0.16 "	50x50 mm, 100x100 mm, 200x200 mm
5.0 mm / 0.20 "	50x50 mm, 100x100 mm, 200x200 mm

Technical Properties

Properties	Unit	Value	Test method
Color	-	blue	Visual
Thermal Conductivity	W/mK	5.0	ASTM D5470
Specific Gravity	g / cm ³	2.5	ASTM D 792
Hardness	Shore C	35	ASTM D 2240
Tensile Strength	psi	71	ASTM D 412
Volume Impedance	Ohm-cm	2.9 x10 ¹¹	ASTM D 257
Breakdown Voltage	kV/mm	5.0	ASTM D 149
Usable Temperatures	°C	-40 - 250	EN 344
Flame Rating	-	VO	UL 94

Pricing

Variante	MPN	EAN	1	2+	4+	8+	16+	32+	50+	100+	200+	500+
100 x 100 x 0.5 mm	EC360P051	0716073557036	€3.49	€3.28	€3.07	€2.97	€2.76	€2.58	€2.41	€2.27	€2.16	€2.09
100 x 100 x 1.0 mm	EC360P052	0716073557043	€4.49	€4.22	€3.95	€3.82	€3.55	€3.32	€3.10	€2.92	€2.78	€2.69
100 x 100 x 1.5 mm	EC360P053	0716073557050	€5.49	€5.16	€4.83	€4.67	€4.34	€4.06	€3.79	€3.57	€3.40	€3.29
100 x 100 x 2.0 mm	EC360P054	0716073557067	€5.99	€5.63	€5.27	€5.09	€4.73	€4.43	€4.13	€3.89	€3.71	€3.59
100 x 100 x 3.0 mm	EC360P055	0716073557081	€6.99	€6.57	€6.15	€5.94	€5.52	€5.17	€4.82	€4.54	€4.33	€4.19
100 x 100 x 4.0 mm	EC360P056	0716073557098	€7.99	€7.51	€7.03	€6.79	€6.31	€5.91	€5.51	€5.19	€4.95	€4.79
100 x 100 x 5.0 mm	EC360P057	0716073557104	€8.99	€8.45	€7.91	€7.64	€7.10	€6.65	€6.20	€5.84	€5.57	€5.39
200 x 200 x 0.5 mm	EC360P058	0748388847748	€14.90	€14.01	€13.11	€12.67	€11.77	€11.03	€10.28	€9.69	€9.24	€8.94
200 x 200 x 1.0 mm	EC360P059	0748388847755	€16.50	€15.51	€14.52	€14.03	€13.04	€12.21	€11.39	€10.73	€10.23	€9.90
200 x 200 x 1.5 mm	EC360P060	0748388847762	€18.75	€17.63	€16.50	€15.94	€14.81	€13.88	€12.94	€12.19	€11.63	€11.25
200 x 200 x 2.0 mm	EC360P061	0748388847779	€22.39	€21.05	€19.70	€19.03	€17.69	€16.57	€15.45	€14.55	€13.88	€13.43
200 x 200 x 3.0 mm	EC360P062	0748388847786	€24.39	€22.93	€21.46	€20.73	€19.27	€18.05	€16.83	€15.85	€15.12	€14.63
200 x 200 x 4.0 mm	EC360P063	0748388847793	€26.69	€25.09	€23.49	€22.69	€21.09	€19.75	€18.42	€17.35	€16.55	€16.01
200 x 200 x 5.0 mm	EC360P064	0716073557104	€28.99	€27.25	€25.51	€24.64	€22.90	€21.45	€20.00	€18.84	€17.97	€17.39



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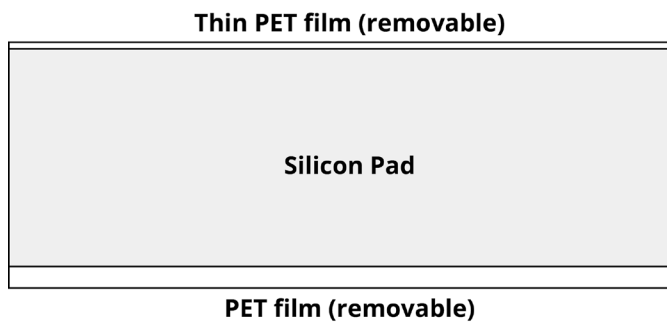
*EC360 BRONZE

Silicone-based Thermal Pad Series

The EC360® BRONZE series presents the beginners variant of high-performance thermal pads, which are on eye-level with premium thermal pastes. The pads have a high thermal conductivity of 8 W/mK and are suitable for a variety of applications, including GPUs, RAM chips and other electrical components. They perform particularly well for water cooling systems, as the pads have a putty like consistency, which means that they will deform and adapt permanently to the

surface they are applied to and will not spring back into their original shape. The slight adhesion of the pads allows for easy positioning. It is the perfect solution for heat-transfer in adverse surface conditions when the use of thermal paste is unsuitable. Handling is particularly safe, as the pads are electrically isolating and there is no risk of short-circuiting. Additionally, they can easily be cut using a scissor, which allows trimming pads to the perfect size for any surface.

Cross-section view



A full silicone pad covered with a PET film on both contact surfaces for increased stability and easy installation. Both are to be removed for installation.

Types and Configurations

Thickness*	Available sizes*
0.5 mm / 0.02 "	50x50 mm, 100x100 mm, 200x200 mm
1.0 mm / 0.04 "	50x50 mm, 100x100 mm, 200x200 mm
1.5 mm / 0.06 "	50x50 mm, 100x100 mm, 200x200 mm
2.0 mm / 0.08 "	50x50 mm, 100x100 mm, 200x200 mm
3.0 mm / 0.12 "	50x50 mm, 100x100 mm, 200x200 mm

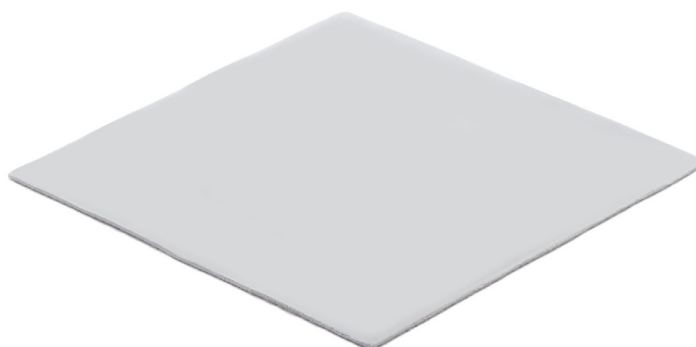
* Custom configurations are available upon request, for worldwide industrial inquiries please contact us at: sales@extremecool360.com

Technical Properties

Properties	Unit	Value	Test method
Color	-	grey	Visual
Thermal Conductivity	W/mK	8.0	ASTM D5470
Specific Gravity	g / cm ³	2.0	ASTM D 792
Hardness	Shore C	20	ASTM D 2240
Tensile Strength	psi	782	ASTM D 412
Volume Impedance	Ohm-cm	2.9 x10 ¹¹	ASTM D 257
Breakdown Voltage	kV/mm	6.0	ASTM D 149
Usable Temperatures	°C	-40 - 220	EN 344
Flame Rating	-	VO	UL 94

Pricing

Variante	MPN	EAN	1	2+	4+	8+	16+	32+	50+	100+	200+	500+
50 x 50 x 0.5 mm	EC360P073	0748388847007	2.49	€2.34	€2.19	€2.12	€1.97	€1.84	€1.72	€1.62	€1.54	€1.49
50 x 50 x 1.0 mm	EC360P074	0748388847014	3.49	€3.28	€3.07	€2.97	€2.76	€2.58	€2.41	€2.27	€2.16	€2.09
50 x 50 x 1.5 mm	EC360P075	0748388847021	4.49	€4.22	€3.95	€3.82	€3.55	€3.32	€3.10	€2.92	€2.78	€2.69
50 x 50 x 2.0 mm	EC360P127	0675834582154	5.49	€5.16	€4.83	€4.67	€4.34	€4.06	€3.79	€3.57	€3.40	€3.29
50 x 50 x 3.0 mm	EC360P128	0675834582161	5.99	€5.63	€5.27	€5.09	€4.73	€4.43	€4.13	€3.89	€3.71	€3.59
100 x 100 x 0.5 mm	EC360P076	0748388847946	8.99	€8.45	€7.91	€7.64	€7.10	€6.65	€6.20	€5.84	€5.57	€5.39
100 x 100 x 1.0 mm	EC360P077	0748388847953	11.99	€11.27	€10.55	€10.19	€9.47	€8.87	€8.27	€7.79	€7.43	€7.19
100 x 100 x 1.5 mm	EC360P078	0748388847960	14.99	€14.09	€13.19	€12.74	€11.84	€11.09	€10.34	€9.74	€9.29	€8.99
100 x 100 x 2.0 mm	EC360P129	0675834582178	18.99	€17.85	€16.71	€16.14	€15.00	€14.05	€13.10	€12.34	€11.77	€11.39
100 x 100 x 3.0 mm	EC360P130	0675834582185	21.99	€20.67	€19.35	€18.69	€17.37	€16.27	€15.17	€14.29	€13.63	€13.19



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✱ EC360 SILVER

Silicone-based Thermal Pad Series

The EC360® SILVER series presents the mid-range variant of high-performance thermal pads, which are on eye-level with premium thermal pastes. The pads have a very high thermal conductivity of 12 W/mK and are suitable for a variety of applications including CPUs and GPUs (that are cooled by thermal pads), memory chips and other electrical components. They perform particularly well for water cooling systems, as the pads have a putty like consistency, which means that they

will deform and adapt permanently to the surface they are applied to and will not spring back into their original shape. The slight adhesion of the pads allows for easy positioning. It is the perfect solution for heat-transfer in adverse surface conditions when the use of thermal paste is unsuitable. Handling is particularly safe, as the pads are electrically isolating and there is no risk of short-circuiting. Additionally, they can easily be cut using a scissor.

Cross-section view



A full silicone pad covered with a PET film on both contact surfaces for increased stability and easy installation. Both are to be removed for installation.

Types and Configurations

Thickness*	Available sizes*
0.5 mm / 0.02 "	50x50 mm, 100x100 mm, 200x200 mm
1.0 mm / 0.04 "	50x50 mm, 100x100 mm, 200x200 mm
1.5 mm / 0.06 "	50x50 mm, 100x100 mm, 200x200 mm
2.0 mm / 0.08 "	50x50 mm, 100x100 mm, 200x200 mm
2.5 mm / 0.10 "	50x50 mm, 100x100 mm, 200x200 mm
3.0 mm / 0.12 "	50x50 mm, 100x100 mm, 200x200 mm

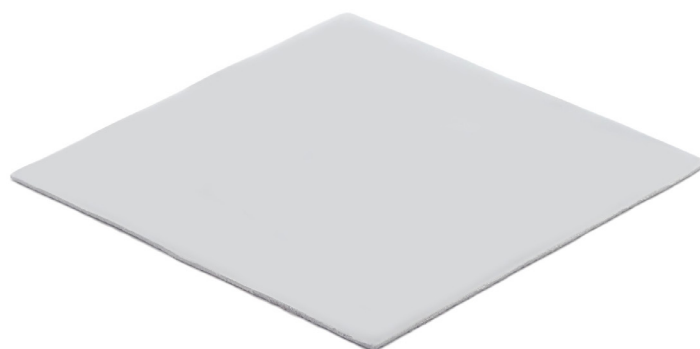
* Custom configurations are available upon request, for worldwide industrial inquiries please contact us at: sales@extremecool360.com

Technical Properties

Properties	Unit	Value	Test method
Color	-	grey	Visual
Thermal Conductivity	W/mK	12.0	ASTM D5470
Specific Gravity	g / cm ³	2.2	ASTM D 792
Hardness	Shore C	20	ASTM D 2240
Tensile Strength	psi	782	ASTM D 412
Volume Impedance	Ohm-cm	2.9 x10 ¹¹	ASTM D 257
Breakdown Voltage	kV/mm	6.0	ASTM D 149
Usable Temperatures	°C	-40 - 220	EN 344
Flame Rating	-	VO	UL 94

Pricing

Variante	MPN	EAN	1	2+	4+	8+	16+	32+	50+	100+	200+	500+
50 x 50 x 0.5 mm	EC360P079	0748388847038	4.49	€4.22	€3.95	€3.82	€3.55	€3.32	€3.10	€2.92	€2.78	€2.69
50 x 50 x 1.0 mm	EC360P080	0748388847045	5.49	€5.16	€4.83	€4.67	€4.34	€4.06	€3.79	€3.57	€3.40	€3.29
50 x 50 x 1.5 mm	EC360P081	0748388847052	5.99	€5.63	€5.27	€5.09	€4.73	€4.43	€4.13	€3.89	€3.71	€3.59
50 x 50 x 2.0 mm	EC360P133	0675834582215	6.99	€6.57	€6.15	€5.94	€5.52	€5.17	€4.82	€4.54	€4.33	€4.19
50 x 50 x 2.5 mm	EC360P154	0096718776016	7.99	€7.51	€7.03	€6.79	€6.31	€5.91	€5.51	€5.19	€4.95	€4.79
50 x 50 x 3.0 mm	EC360P134	0675834582222	8.99	€8.45	€7.91	€7.64	€7.10	€6.65	€6.20	€5.84	€5.57	€5.39
100 x 100 x 0.5 mm	EC360P082	0748388848080	14.99	€14.09	€13.19	€12.74	€11.84	€11.09	€10.34	€9.74	€9.29	€8.99
100 x 100 x 1.0 mm	EC360P083	0748388848097	18.99	€17.85	€16.71	€16.14	€15.00	€14.05	€13.10	€12.34	€11.77	€11.39
100 x 100 x 1.5 mm	EC360P084	0748388848103	21.99	€20.67	€19.35	€18.69	€17.37	€16.27	€15.17	€14.29	€13.63	€13.19
100 x 100 x 2.0 mm	EC360P135	0675834582239	24.99	€23.49	€21.99	€21.24	€19.74	€18.49	€17.24	€16.24	€15.49	€14.99
100 x 100 x 2.5 mm	EC360P155	0096718776023	28.99	€27.25	€25.51	€24.64	€22.90	€21.45	€20.00	€18.84	€17.97	€17.39
100 x 100 x 3.0 mm	EC360P136	0675834582246	30.99	€29.13	€27.27	€26.34	€24.48	€22.93	€21.38	€20.14	€19.21	€18.59



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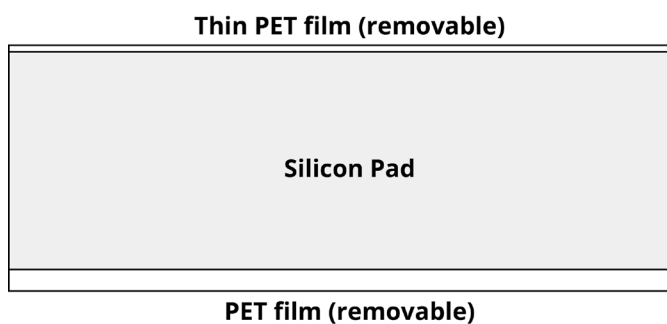
EC360 GOLD

Silicone-based Thermal Pad Series

The EC360® GOLD series presents the intermediate variant of high-performance thermal pads, which are on eye-level with premium thermal paste. The pads have an extraordinary thermal conductivity of 14.5 W/mK and are suitable for a variety of applications including CPUs and GPUs (that are cooled by thermal pads), memory chips and other electrical components. They perform particularly well for water cooling systems and are easy to use.

The pads are not adhesive, but stick a little, so they can be easily positioned. It is the perfect solution for heat-transfer in adverse surface conditions when the use of thermal paste is unsuitable. Handling is particularly safe, as the pads are electrically isolating and there is no risk of short-circuiting. Additionally, they can easily be cut using a scissor, which allows trimming to the perfect size for any surface.

Cross-section view



A full silicone pad covered with a PET film on both contact surfaces for increased stability and easy installation. Both are to be removed for installation.

Types and Configurations

Thickness*	Available sizes*
0.5 mm / 0.02 "	50x50 mm, 100x100 mm, 200x200 mm
1.0 mm / 0.04 "	50x50 mm, 100x100 mm, 200x200 mm
1.5 mm / 0.06 "	50x50 mm, 100x100 mm, 200x200 mm
2.0 mm / 0.08 "	50x50 mm, 100x100 mm, 200x200 mm
2.5 mm / 0.10 "	50x50 mm, 100x100 mm, 200x200 mm
3.0 mm / 0.12 "	50x50 mm, 100x100 mm, 200x200 mm

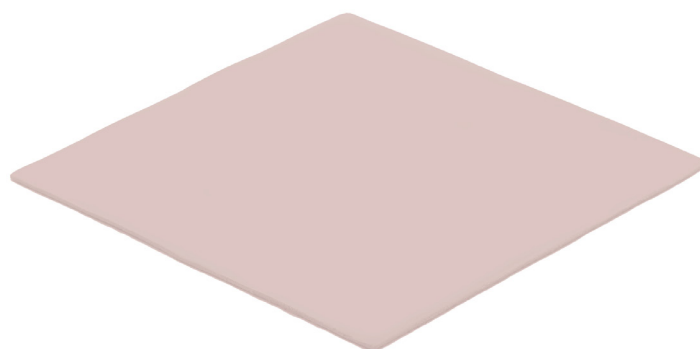
* Custom configurations are available upon request, for worldwide industrial inquiries please contact us at: sales@extremecool360.com

Technical Properties

Properties	Unit	Value	Test method
Color	-	red	Visual
Thermal Conductivity	W/mK	14.5	ASTM D5470
Specific Gravity	g / cm ³	2.6	ASTM D 792
Hardness	Shore C	40	ASTM D 2240
Elongation	kg/cm ²	55	ASTM D 412
	Pa	5.9 x 10 ⁹	ASTM D 412
Volume Impedance	Ohm-cm	2.9 x 10 ¹¹	ASTM D 257
Breakdown Voltage	kV / mm	6,0	ASTM D 149
Usable Temperatures	°C	-40 - 220	EN 344
Flame Rating	-	VO	UL 94

Pricing

Variante	MPN	EAN	1	2+	4+	8+	16+	32+	50+	100+	200+	500+
50 x 50 x 0.5 mm	EC360P095	0748388847823	5.99	€5.63	€5.27	€5.09	€4.73	€4.43	€4.13	€3.89	€3.71	€3.59
50 x 50 x 1.0 mm	EC360P096	0748388847830	6.99	€6.57	€6.15	€5.94	€5.52	€5.17	€4.82	€4.54	€4.33	€4.19
50 x 50 x 1.5 mm	EC360P097	0748388847854	7.99	€7.51	€7.03	€6.79	€6.31	€5.91	€5.51	€5.19	€4.95	€4.79
50 x 50 x 2.0 mm	EC360P150	0096718775972	8.99	€8.45	€7.91	€7.64	€7.10	€6.65	€6.20	€5.84	€5.57	€5.39
50 x 50 x 2.5 mm	EC360P197	0096718776443	€0.00	€0.00	€0.00	€0.00	€0.00	€0.00	€0.00	€0.00	€0.00	€0.00
50 x 50 x 3.0 mm	EC360P198	0096718776450	€0.00	€0.00	€0.00	€0.00	€0.00	€0.00	€0.00	€0.00	€0.00	€0.00
100 x 100 x 0.5 mm	EC360P098	0748388847861	18.99	€17.85	€16.71	€16.14	€15.00	€14.05	€13.10	€12.34	€11.77	€11.39
100 x 100 x 1.0 mm	EC360P099	0748388847892	22.99	€21.61	€20.23	€19.54	€18.16	€17.01	€15.86	€14.94	€14.25	€13.79
100 x 100 x 1.5 mm	EC360P100	0748388847908	25.99	€24.43	€22.87	€22.09	€20.53	€19.23	€17.93	€16.89	€16.11	€15.59



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*EC360 PLATINUM

Silicone-based Thermal Pad Series

The EC360® PLATINUM series presents the high-end variant of high-performance thermal pads. The pads have best thermal conductivity of 16.6 W/mK, more than high-end thermal pastes and are suitable for a variety of applications including CPUs and GPUs (that are cooled by thermal pads), memory chips and other electrical components. They perform particularly well for water cooling systems and are easy to use.

The pads are not adhesive, but stick a little, so they can be easily positioned. It is the perfect solution for heat-transfer in adverse surface conditions when the use of thermal paste is unsuitable. Handling is particularly safe, as the pads are electrically isolating and there is no risk of short-circuiting. Additionally, they can easily be cut using a scissor, which allows trimming to the perfect size for any surface.

Cross-section view



A full silicone pad covered with a PET film on both contact surfaces for increased stability and easy installation. Both are to be removed for installation.

Types and Configurations

Thickness*	Available sizes*
0.5 mm / 0.02 "	50x50 mm, 100x100 mm, 200x200 mm
1.0 mm / 0.04 "	50x50 mm, 100x100 mm, 200x200 mm
1.5 mm / 0.06 "	50x50 mm, 100x100 mm, 200x200 mm
2.0 mm / 0.08 "	50x50 mm, 100x100 mm, 200x200 mm
2.5 mm / 0.10 "	50x50 mm, 100x100 mm, 200x200 mm
3.0 mm / 0.12 "	50x50 mm, 100x100 mm, 200x200 mm

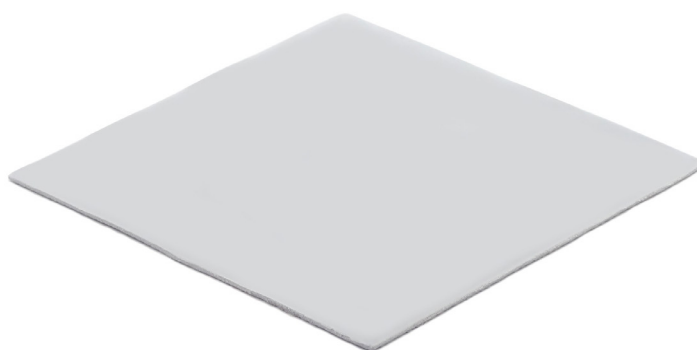
* Custom configurations are available upon request, for worldwide industrial inquiries please contact us at: sales@extremecool360.com

Technical Properties

Properties	Unit	Value	Test method
Color	-	grey	Visual
Thermal Conductivity	W/mK	16.6	ASTM D5470
Specific Gravity	g / cm ³	3.5	ASTM D 792
Hardness	Shore C	40	ASTM D 2240
Elongation	kg / cm ²	55	ASTM D 412
	Pa	5.8*10 ⁹	ASTM D 412
Volume Impedance	Ohm-cm	2.8*10 ¹¹	ASTM D 257
Breakdown Voltage	kV / mm	5.0	ASTM D 149
Usable Temperatures	°C	-40 - 220	EN 344
Flame Rating	-	VO	UL 94

Pricing

Variante	MPN	EAN	1	2+	4+	8+	16+	32+	50+	100+	200+	500+
50 x 50 x 0.5 mm	EC360P101	0748388848318	11.99	€11.27	€10.55	€10.19	€9.47	€8.87	€8.27	€7.79	€7.43	€7.19
50 x 50 x 1.0 mm	EC360P102	0748388848325	17.99	€16.91	€15.83	€15.29	€14.21	€13.31	€12.41	€11.69	€11.15	€10.79
50 x 50 x 1.5 mm	EC360P103	0748388848332	23.99	€22.55	€21.11	€20.39	€18.95	€17.75	€16.55	€15.59	€14.87	€14.39
50 x 50 x 2.0 mm	EC360P151	0096718775989	34.99	€32.89	€30.79	€29.74	€27.64	€25.89	€24.14	€22.74	€21.69	€20.99
50 x 50 x 2.5 mm	EC360P202	0096718776498	€0.00	€0.00	€0.00	€0.00	€0.00	€0.00	€0.00	€0.00	€0.00	€0.00
50 x 50 x 3.0 mm	EC360P203	0096718776504	€0.00	€0.00	€0.00	€0.00	€0.00	€0.00	€0.00	€0.00	€0.00	€0.00
100 x 100 x 0.5 mm	EC360P104	0748388848394	38.99	€36.65	€34.31	€33.14	€30.80	€28.85	€26.90	€25.34	€24.17	€23.39
100 x 100 x 1.0 mm	EC360P105	0748388848400	58.99	€55.45	€51.91	€50.14	€46.60	€43.65	€40.70	€38.34	€36.57	€35.39
100 x 100 x 1.5 mm	EC360P106	0748388848448	78.99	€74.25	€69.51	€67.14	€62.40	€58.45	€54.50	€51.34	€48.97	€47.39



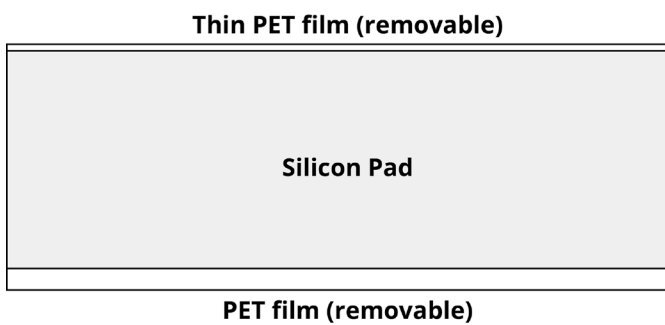
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Silicone-based Ultra Soft Thermal Pad Series

The extra soft EC360® SILVER SOFT series presents the mid-range variant of high-performance ultra soft thermal pads, which are on eye-level with premium thermal pastes. The pads have a very high thermal conductivity of 12 W/mK and are suitable for a variety of applications including CPUs and GPUs (that are cooled by thermal pads), memory chips and other electrical components. They perform particularly well for water cooling systems, as the pads have a putty-like consistency, which means that they will deform and adapt

permanently to the surface they are applied to and will not spring back into their original shape. The slight adhesion of the pads allows for easy positioning. It is the perfect solution for heat-transfer in adverse surface conditions when the use of thermal paste is unsuitable. Handling is particularly safe, as the pads are electrically isolating and there is no risk of short-circuiting. Additionally, they can easily be cut using a scissor, which allows trimming to the perfect size for any surface.

Cross-section view



A full silicone pad covered with a PET film on both contact surfaces for increased stability and easy installation. Both are to be removed for installation.

Types and Configurations

Thickness*	Available sizes*
0.5 mm / 0.02 "	50x50 mm, 100x100 mm, 200x200 mm
1.0 mm / 0.04 "	50x50 mm, 100x100 mm, 200x200 mm
1.5 mm / 0.06 "	50x50 mm, 100x100 mm, 200x200 mm
2.0 mm / 0.08 "	50x50 mm, 100x100 mm, 200x200 mm
2.5 mm / 0.10 "	50x50 mm, 100x100 mm, 200x200 mm
3.0 mm / 0.12 "	50x50 mm, 100x100 mm, 200x200 mm

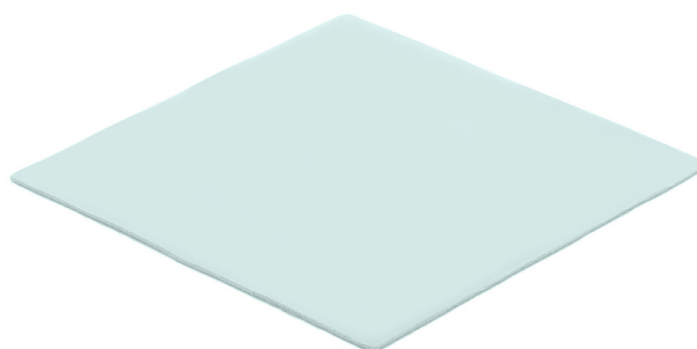
* Custom configurations are available upon request, for worldwide industrial inquiries please contact us at: sales@extremecool360.com

Technical Properties

Properties	Unit	Value	Test method
Color	-	grey	Visual
Thermal Conductivity	W/mK	12.0	ASTM D5470
Specific Gravity	g / cm ³	3.3	ASTM D 792
Hardness	Shore OO	55	ASTM D 2240
Elongation	%	40	ASTM D 412
Volume Impedance	Ohm-cm	1.0 x10 ¹³	ASTM D 257
Breakdown Voltage	kV/mm	6.5	ASTM D 149
Usable Temperatures	°C	-50 - 150	EN 344
Flame Rating	-	VO	UL 94

Pricing

Variante	MPN	EAN	1	2+	4+	8+	16+	32+	50+	100+	200+	500+
50 x 50 x 0.5 mm	EC360P156	0096718776030	6.49	€6.23	€5.97	€5.78	€5.65	€5.52	€5.39	€5.32	€5.26	€5.19
50 x 50 x 1.0 mm	EC360P157	0096718776047	7.49	€7.19	€6.89	€6.67	€6.52	€6.37	€6.22	€6.14	€6.07	€5.99
50 x 50 x 1.5 mm	EC360P158	0096718776054	9.49	€9.11	€8.73	€8.45	€8.26	€8.07	€7.88	€7.78	€7.69	€7.59
50 x 50 x 2.0 mm	EC360P152	0096718775996	13.49	€12.95	€12.41	€12.01	€11.74	€11.47	€11.20	€11.06	€10.93	€10.79
50 x 50 x 2.5 mm	EC360P159	0096718776061	14.49	€13.91	€13.33	€12.90	€12.61	€12.32	€12.03	€11.88	€11.74	€11.59
50 x 50 x 3.0 mm	EC360P153	0096718776009	15.49	€14.87	€14.25	€13.79	€13.48	€13.17	€12.86	€12.70	€12.55	€12.39



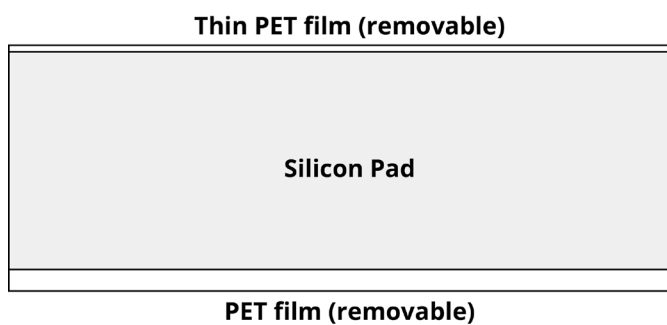
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Silicone-based Ultra Soft Thermal Pad Series

The EC360® GOLD SOFT series presents the intermediate variant of extra soft high-performance thermal pads, which are on eye-level with premium thermal paste. The pads have an extraordinary thermal conductivity of 14.5 W/mK and are suitable for a variety of applications. This extra-soft variant with a low hardness of 60 Shore 00 has a putty-like consistency and is therefore highly flexible. Under pressure they will deform and adapt permanently to the surface they are applied to and will not spring back into their original shape. Examples of applications are the cooling of CPUs and

GPUs (that are cooled by thermal pads), memory chips and other electrical components. They perform particularly well for water cooling systems and are easy to use. The pads are not adhesive, but stick a little, so they can be easily positioned. It is the perfect solution for heat-transfer in adverse surface conditions when the use of thermal paste is unsuitable. Handling is particularly safe, as the pads are electrically isolating and there is no risk of short-circuiting. Additionally, they can easily be cut using a scissor, which allows trimming to the perfect size for any surface.

Cross-section view



A full silicone pad covered with a PET film on both contact surfaces for increased stability and easy installation. Both are to be removed for installation.

Types and Configurations

Thickness*	Available sizes*
0.5 mm / 0.02 "	50x50 mm, 100x100 mm, 200x200 mm
1.0 mm / 0.04 "	50x50 mm, 100x100 mm, 200x200 mm
1.5 mm / 0.06 "	50x50 mm, 100x100 mm, 200x200 mm
2.0 mm / 0.08 "	50x50 mm, 100x100 mm, 200x200 mm

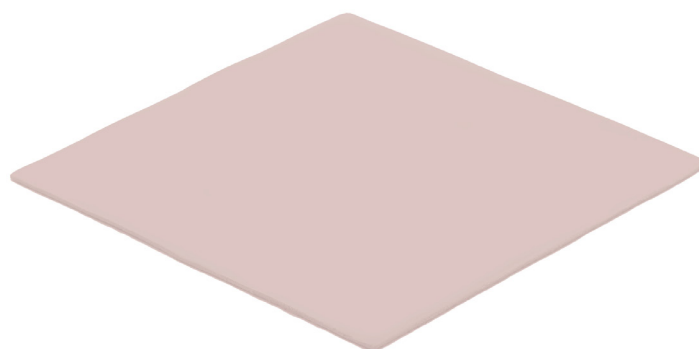
* Custom configurations are available upon request, for worldwide industrial inquiries please contact us at: sales@extremecool360.com

Technical Properties

Properties	Unit	Value	Test method
Color	-	red	Visual
Thermal Conductivity	W/mK	14.5	ASTM D5470
Specific Gravity	g / cm ³	3.6	ASTM D 792
Hardness	Shore OO	60	ASTM D 2240
Elongation	%	30	ASTM D 412
Volume Impedance	Ohm-cm	7,0 x 10 ¹⁴	ASTM D 257
Breakdown Voltage	kV / mm	4.0	ASTM D 149
Usable Temperatures	°C	-50 - 150	EN 344
Flame Rating	-	VO	UL 94

Pricing

Variante	MPN	EAN	1	2+	4+	8+	16+	32+	50+	100+	200+	500+
50 x 50 x 0.5 mm	EC360P160	0096718776078	7.99	€7.67	€7.35	€7.11	€6.95	€6.79	€6.63	€6.55	€6.47	€6.39
50 x 50 x 1.0 mm	EC360P161	0096718776085	12.99	€12.47	€11.95	€11.56	€11.30	€11.04	€10.78	€10.65	€10.52	€10.39
50 x 50 x 1.5 mm	EC360P162	0096718776092	18.99	€18.23	€17.47	€16.90	€16.52	€16.14	€15.76	€15.57	€15.38	€15.19
50 x 50 x 2.0 mm	EC360P163	0096718776108	24.99	€23.99	€22.99	€22.24	€21.74	€21.24	€20.74	€20.49	€20.24	€19.99
100 x 100 x 0.5 mm	EC360P164	0096718776115	28.99	€27.83	€26.67	€25.80	€25.22	€24.64	€24.06	€23.77	€23.48	€23.19
100 x 100 x 1.0 mm	EC360P165	0096718776122	46.99	€45.11	€43.23	€41.82	€40.88	€39.94	€39.00	€38.53	€38.06	€37.59
100 x 100 x 1.5 mm	EC360P166	0096718776139	64.99	€62.39	€59.79	€57.84	€56.54	€55.24	€53.94	€53.29	€52.64	€51.99



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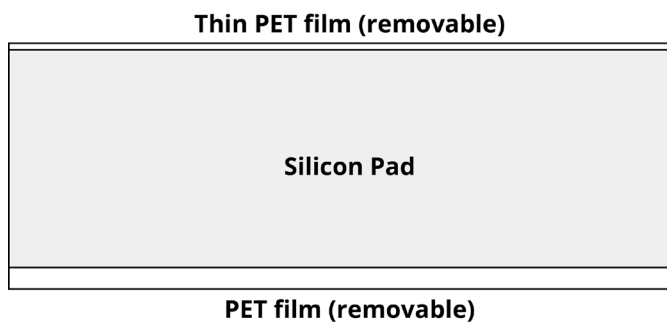
*EC360 PLATINUM SOFT

Silicone-based Ultra Soft Thermal Pad Series

The EC360® PLATINUM SOFT series presents the high-end variant of high-performance ultra soft thermal pads. The pads have best thermal conductivity of 16.6 W/mK, more than high-end thermal pastes and are suitable for a variety of applications. This extra-soft variant with a low hardness of 65 Shore 00 has a putty-like consistency and is therefore highly flexible. Under pressure they will deform and adapt permanently to the surface they are applied to and will not spring back into their original shape. Examples of applications are cooling of CPUs and GPUs (that are cooled by thermal

pads), memory chips and other electrical components. They perform particularly well for water cooling systems and are easy to use. The pads are not adhesive, but stick a little, so they can be easily positioned. It is the perfect solution for heat-transfer in adverse surface conditions when the use of thermal paste is unsuitable. Handling is particularly safe, as the pads are electrically isolating and there is no risk of short-circuiting. Additionally, they can easily be cut using a scissor, which allows trimming to the perfect size for any surface.

Cross-section view



A full silicone pad covered with a PET film on both contact surfaces for increased stability and easy installation. Both are to be removed for installation.

Types and Configurations

Thickness*	Available sizes*
0.5 mm / 0.02 "	50x50 mm, 100x100 mm, 200x200 mm
1.0 mm / 0.04 "	50x50 mm, 100x100 mm, 200x200 mm
1.5 mm / 0.06 "	50x50 mm, 100x100 mm, 200x200 mm
2.0 mm / 0.08 "	50x50 mm, 100x100 mm, 200x200 mm

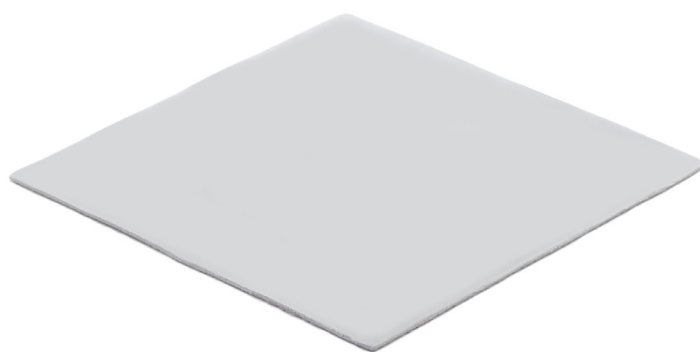
* Custom configurations are available upon request, for worldwide industrial inquiries please contact us at: sales@extremecool360.com

Technical Properties

Properties	Unit	Value	Test method
Color	-	grey	Visual
Thermal Conductivity	W/mK	16.6	ASTM D5470
Specific Gravity	g / cm ³	3.6	ASTM D 792
Hardness	Shore OO	65	ASTM D 2240
Elongation	%	20	ASTM D 412
Volume Impedance	Ohm-cm	5.0 x10 ¹⁴	ASTM D 257
Breakdown Voltage	kV / mm	5.0	ASTM D 149
Usable Temperatures	°C	-50 - 150	EN 344
Flame Rating	-	VO	UL 94

Pricing

Variante	MPN	EAN	1	2+	4+	8+	16+	32+	50+	100+	200+	500+
50 x 50 x 0.5 mm	EC360P167	0096718776146	13.99	€13.43	€12.87	€12.45	€12.17	€11.89	€11.61	€11.47	€11.33	€11.19
50 x 50 x 1.0 mm	EC360P168	0096718776153	20.99	€20.15	€19.31	€18.68	€18.26	€17.84	€17.42	€17.21	€17.00	€16.79
50 x 50 x 1.5 mm	EC360P169	0096718776160	28.99	€27.83	€26.67	€25.80	€25.22	€24.64	€24.06	€23.77	€23.48	€23.19
50 x 50 x 2.0 mm	EC360P170	0096718776177	34.99	€33.59	€32.19	€31.14	€30.44	€29.74	€29.04	€28.69	€28.34	€27.99
100 x 100 x 0.5 mm	EC360P171	0096718776184	53.99	€51.83	€49.67	€48.05	€46.97	€45.89	€44.81	€44.27	€43.73	€43.19
100 x 100 x 1.0 mm	EC360P172	0096718776191	78.99	€75.83	€72.67	€70.30	€68.72	€67.14	€65.56	€64.77	€63.98	€63.19
100 x 100 x 1.5 mm	EC360P173	0096718776207	98.99	€95.03	€91.07	€88.10	€86.12	€84.14	€82.16	€81.17	€80.18	€79.19



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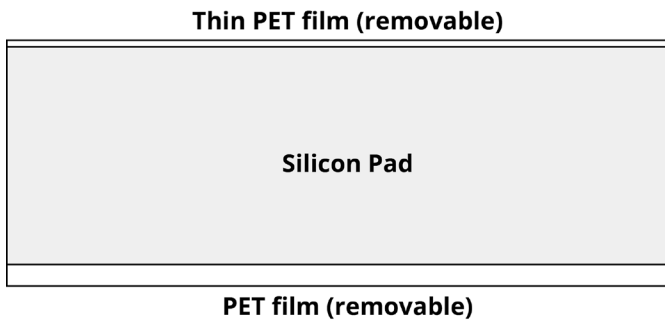
EC360 BLUE

Non-Silicone Ultra Soft Thermal Pad Series

The EC360® BLUE SOFT NS series presents non-silicone thermal pads with the best price-performance ratio regarding thermal conductivity. It features one of the highest thermal conductivities for our non-silicone-based thermal pads of 4 W/mK and is suitable for a variety of applications including GPUs (that are cooled by thermal pads), memory chips and other electrical components. It is the perfect solution for

heat-transfer in adverse surface conditions when the use of silicone-based thermal pads is unsuitable. They have good elasticity and compression abilities. This means this type of thermal pad will spring back into its original form even after longer periods of compression and perfectly adapt to any tiny surface irregularity. Furthermore, the thermal pads do not leak any oil, which is common for silicone-based thermal pads.

Cross-section view



A full silicone pad covered with a PET film on both contact surfaces for increased stability and easy installation. Both are to be removed for installation.

* Custom configurations are available upon request, for worldwide industrial inquiries please contact us at: sales@extremecool360.com

Types and Configurations

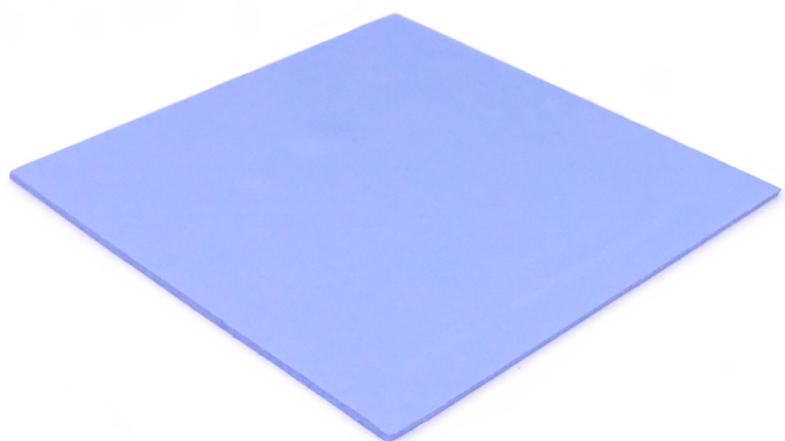
Thickness*	Available sizes*
0.5 mm / 0.02 "	50x50 mm, 100x100 mm, 200x200 mm
1.0 mm / 0.04 "	50x50 mm, 100x100 mm, 200x200 mm
1.5 mm / 0.06 "	50x50 mm, 100x100 mm, 200x200 mm
2.0 mm / 0.08 "	50x50 mm, 100x100 mm, 200x200 mm
3.0 mm / 0.12 "	50x50 mm, 100x100 mm, 200x200 mm
4.0 mm / 0.16 "	50x50 mm, 100x100 mm, 200x200 mm
5.0 mm / 0.20 "	50x50 mm, 100x100 mm, 200x200 mm

Technical Properties

Properties	Unit	Value	Test method
Ingredients	-	Polymer, Aluminiumoxide	-
Color	-	Grey	Visual
Thermal Conductivity	W/mK	4.0	ASTM D5470
Specific Gravity	g / cm ³	1.6	ASTM D 792
Hardness	Shore OO	55	ASTM D 2240
Tensile Strength	psi	32	ASTM D 412
Volume Impedance	Ohm-cm	1.0 x10 ¹³	ASTM D 257
Breakdown Voltage	kV/mm	>9.0	ASTM D 149
Usable Temperatures	°C	-40 - 120	EN 344
Flame Rating	-	VO	UL 94

Pricing

Variante	MPN	EAN	1	2+	4+	8+	16+	32+	50+	100+	200+	500+
100 x 100 x 0.5 mm	EC360P207	0096718776542	€4.99	€4.79	€4.59	€4.44	€4.34	€4.24	€4.14	€4.09	€4.04	€3.99
100 x 100 x 1.0 mm	EC360P208	0096718776559	€5.99	€5.75	€5.51	€5.33	€5.21	€5.09	€4.97	€4.91	€4.85	€4.79
100 x 100 x 1.5 mm	EC360P209	0096718776566	€6.99	€6.71	€6.43	€6.22	€6.08	€5.94	€5.80	€5.73	€5.66	€5.59
100 x 100 x 2.0 mm	EC360P210	0096718776573	€8.99	€8.63	€8.27	€8.00	€7.82	€7.64	€7.46	€7.37	€7.28	€7.19
100 x 100 x 2.5 mm	EC360P211	0096718776580	€11.99	€11.51	€11.03	€10.67	€10.43	€10.19	€9.95	€9.83	€9.71	€9.59
100 x 100 x 3.0 mm	EC360P212	0096718776597	€14.99	€14.39	€13.79	€13.34	€13.04	€12.74	€12.44	€12.29	€12.14	€11.99
100 x 100 x 4.0 mm	EC360P213	0096718776603	€19.99	€19.19	€18.39	€17.79	€17.39	€16.99	€16.59	€16.39	€16.19	€15.99
100 x 100 x 5.0 mm	EC360P214	0096718776610	€24.99	€23.99	€22.99	€22.24	€21.74	€21.24	€20.74	€20.49	€20.24	€19.99



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EC360 GRAPHITE-2

Graphite-based Thermal Pad Series

EC360® GRAPHITE-2 introduces highly conductive thermal pads made from natural graphite, the ideal alternative to high-end thermal pastes. The graphite layer is ultra thin with a thickness of just 0.05 mm Paired with an unmatched thermal conductivity of 450 W/mK on the X-Y axis and 20 W/mK on the Z axis, it makes it the perfect thermal interface material. While thermal paste requires a lot of practice for applying the correct amount and spreading it evenly, installing a graphite sheet is easy. It comes thinner than any thermal paste can be spread and at the same time is more conductive, just place it and

install the heatsink. Furthermore, it is highly durable, as it does not contain any liquids it virtually lasts forever. It can not dry out, does not need to be reapplied and will not degrade over time. Additionally it does not leave a messy surface, is easy to remove and can even be reused. Please note, while it is safe to apply, it must be handled with caution. As graphite is electrically conductive, take special care that it does not get in contact with electric components and avoid short-circuits. The graphite sheet can be conveniently cut using a scissor, which allows trimming to the perfect size for any surface.

Types and Configurations

Thickness*	Available sizes*
0.05 mm	30x30 mm, 40x40 mm, 100x100 mm

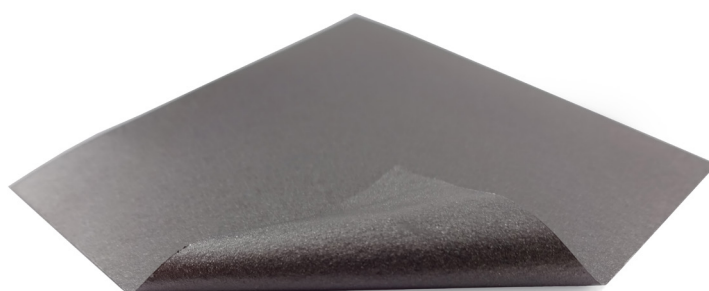
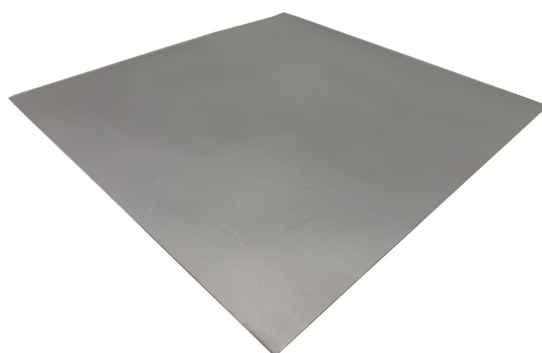
* Custom configurations are available upon request, for worldwide industrial inquiries please contact us at: sales@extremecool360.com

Technical Properties

Properties	Unit	Value	Test method
Color	-	Grey	Visual
Thermal Conductivity (X-Y)	W/mK	450.0	ASTM D5470
Thermal Conductivity (Z)	W/mK	20.0	ASTM D5470
Thermal Resistance	°C-in ² /W	0.08	ASTM D5470
Specific Gravity	g / cm ³	1.5	ASTM D 792
Hardness	Shore A	85	ASTM D 2240
Tensile Strength	psi	650	ASTM D 412
Conductivity (Electrolytic)	s/cm	19000	ASTM D 257
Usable Temperatures	°C	-40 - 400	EN 344
Flame Rating	-	VO	UL 94

Pricing

Variante	MPN	EAN	1	2+	4+	8+	16+	32+	50+	100+	200+	500+
30 x 30 mm	EC360P175	0096718776221	2.99	€2.81	€2.63	€2.54	€2.36	€2.21	€2.06	€1.94	€1.85	€1.79
40 x 40 mm	EC360P176	0096718776238	2.99	€2.81	€2.63	€2.54	€2.36	€2.21	€2.06	€1.94	€1.85	€1.79
100 x 100 mm	EC360P177	0096718776245	8.99	€8.45	€7.91	€7.64	€7.10	€6.65	€6.20	€5.84	€5.57	€5.39



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EC360 CARBON

Thermal Paste Series

Designed as an all-round thermal paste with the best possible price-performance ratio the EC360® CARBON series is the ideal thermal interface material for gaming PCs and industrial cooling systems. Nano-Carbon compounds blended in a base of nanometer sized metal oxide particles (silver/aluminum/boron/zinc) enable ultimate stability and a high thermal

conductivity of 5.15W/mK. Its good consistency makes it easy to spread and install. It is long-lasting: low bleed, non-flowing and low evaporation mean it will stay in place and not dry out over time. At the same time, it is not electrically conductive, which allows a safe application.

Material Composition

Type	Percentage
Metal Oxide Compounds	45%
Carbon Compounds	45%
Silicone	10%

Types and Configurations

Type*	Available sizes*
Tube	4 g, 20 g

* Custom configurations are available upon request, for worldwide industrial inquiries please contact us at: sales@extremecool360.com

Technical Properties

Properties	Unit	Value	Test method
Color	-	grey	Visual
Thermal Conductivity	W/mK	5.15	ASTM D5470
Thermal Resistance	°C-in ² /W	0.04	ASTM D5470
Specific Gravity	g / cm ³	2.5	ASTM D 792
Evaporation(150°C/24h)	%	0.001	FED STD 791
Bleed(150°C/24h)	%	0.05	FED STD 791
Viscosity	cP	12500	-
Dielectric Constant	1Mhz	5.1	ASTM D 150
Usable Temperatures	°C	-60 - 200	EN 344
Flame Rating	-	VO	UL 94

Pricing

Variante	MPN	EAN	1	2+	4+	8+	16+	32+	50+	100+	200+	500+
4g	EC360T006	0675834582277	€3.50	€3.29	€3.08	€2.98	€2.77	€2.59	€2.42	€2.28	€2.17	€2.10
20g	EC360T003	0748388847427	€11.99	€11.27	€10.55	€10.19	€9.47	€8.87	€8.27	€7.79	€7.43	€7.19



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EC360 EMERALD

Thermal Paste Series

Designed as an all-round thermal paste with the best possible price-performance ratio, as well as a high thermal conductivity, the EC360® EMERALD series is the ideal thermal paste for gaming PCs and sophisticated industrial cooling systems. Nanometer-sized Aluminium oxide compounds, one of the most thermal conductive materials in the world, enable

ultimate stability and a high thermal conductivity of 9W/mK. Its good consistency makes it easy to spread and install. Ideal for use with high-performance CPUs and GPUs. It is long-lasting: low bleed, non-flowing and low evaporation mean it will stay in place and not dry out over time. At the same time, it is not electrically conductive, which allows a safe application.

Material Composition

Type	Percentage
Aluminium Oxide	70%
Carbon	15%
Silicone	15%

Types and Configurations

Type*	Available sizes*
Tube	4 g, 20 g

* Custom configurations are available upon request, for worldwide industrial inquiries please contact us at: sales@extremecool360.com

Technical Properties

Properties	Unit	Value	Test method
Color	-	grey	Visual
Thermal Conductivity	W/mK	9.0	ROCT 8.140-82
Thermal Impedance	°C-in/W	0.14	ROCT 8.140-82
Specific Gravity	g / cm ³	1.8	ASTM D 1475
Evaporation(200°C/24h)	%	0.001	FED STD 791
Bleed(200°C/24h)	%	0.07	FED STD 791
Dissipation Factor	100 Hz	0.005	ASTM D 150
Viscosity	cP	68	GB T-10247
Dielectric Constant	100 Hz	4.0	ASTM D 150
Usable Temperatures	°C	-55 - 220	EN 344

Pricing

Variante	MPN	EAN	1	2+	4+	8+	16+	32+	50+	100+	200+	500+
4g	EC360T008	0675834582291	€4.50	€4.23	€3.96	€3.83	€3.56	€3.33	€3.11	€2.93	€2.79	€2.70
20g	EC360T009	0675834582307	€13.99	€13.15	€12.31	€11.89	€11.05	€10.35	€9.65	€9.09	€8.67	€8.39



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EC360 DIAMOND

Thermal Paste Series

The EC360® DIAMOND series means High Performance. State-of-the-art Nano-Graphene compounds, blended in a base of aluminium and magnesium particles, enable an outstandingly high thermal conductivity of 11W/mK. Engineered with a focus on high performance, it is the perfect choice for cooling GPUs and CPUs in extreme cooling

scenarios, like overclocking. In short, it ensures efficient dissipation of heat in any use case. At the same time, it can be safely applied, it is not electrically conductive, remains easy to spread and is highly durable. Low bleed, non-flowing and low evaporation mean it is long-lasting, will stay in place and not dry out over time.

Material Composition

Type	Percentage
Aluminium Oxide	40%
Silicone	37%
Magnesium Oxide	20%
Graphene	3%

Types and Configurations

Type*	Available sizes*
Tube	1 g, 4 g, 20 g

* Custom configurations are available upon request, for worldwide industrial inquiries please contact us at: sales@extremecool360.com

Technical Properties

Properties	Unit	Value	Test method
Color	-	grey	Visual
Thermal Conductivity	W/mK	11.0	ASTM D5470
Thermal Resistance	°C-in ² /W	0.0013	ASTM D5470
Specific Gravity	g / cm ³	3.2	ASTM D 792
Evaporation(150°C/24h)	%	0.15	FED STD 791
Volume Impedance	Ohm-cm	3.0 x10 ¹³	ASTM D 257
Viscosity	cP	15000	-
Dielectric Constant	1Mhz	3.0	ASTM D 150
Usable Temperatures	°C	-30 - 240	EN 344

Pricing

Variante	MPN	EAN	1	2+	4+	8+	16+	32+	50+	100+	200+	500+
1g	EC360T002	0748388847137	€4.50	€4.32	€4.14	€4.01	€3.92	€3.83	€3.74	€3.69	€3.65	€3.60
4g	EC360T007	0675834582284	€7.50	€7.20	€6.90	€6.68	€6.53	€6.38	€6.23	€6.15	€6.08	€6.00
20g	EC360T004	0748388847434	€23.99	€23.03	€22.07	€21.35	€20.87	€20.39	€19.91	€19.67	€19.43	€19.19



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EC360 RUBY

Thermal Paste Series

The EC360® RUBY series means Maximum Performance. A hightech composite of carbon nanotubes, one of the most thermal conductive materials in the world, enables an outstandingly high thermal conductivity of 13.4W/mK. Engineered with a focus on high performance, it is the perfect choice for cooling GPUs and CPUs in extreme cooling scenarios, like overclocking. In short, it ensures efficient

dissipation of heat in any use case, with any thermal paste based cooling system, air-cooled or water-cooled. At the same time, it can be safely applied, it is not electrically conductive, remains easy to spread and is highly durable. Low bleed, non-flowing and low evaporation mean it is long-lasting, will stay in place and not dry out over time.

Material Composition

Type	Percentage
Aluminium Oxide	42%
Magnesium Compounds	33%
Silicone	20%
Graphene	5%

Types and Configurations

Type*	Available sizes*
Tube	1 g, 4 g, 10 g

* Custom configurations are available upon request, for worldwide industrial inquiries please contact us at: sales@extremecool360.com

Technical Properties

Properties	Unit	Value	Test method
Color	-	grey	Visual
Thermal Conductivity	W/mK	13.4	ASTM D5470
Thermal Resistance	°C-in ² /W	0.001	ASTM D5470
Specific Gravity	g / cm ³	2.5	ASTM D 792
Evaporation(150°C/24h)	%	0.15	FED STD 791
Volume Impedance	Ohm-cm	4.0 x10 ¹³	ASTM D 257
Viscosity	cP	18000	-
Dielectric Constant	1Mhz	3.3	ASTM D 150
Usable Temperatures	°C	-30 - 250	EN 344

Pricing

Variante	MPN	EAN	1	2+	4+	8+	16+	32+	50+	100+	200+	500+
1g	EC360T010	0675834582376	€5.50	€5.28	€5.06	€4.90	€4.79	€4.68	€4.57	€4.51	€4.46	€4.40
4g	EC360T011	0675834582383	€9.50	€9.12	€8.74	€8.46	€8.27	€8.08	€7.89	€7.79	€7.70	€7.60
10g	EC360T012	0675834582390	€19.50	€18.72	€17.94	€17.36	€16.97	€16.58	€16.19	€15.99	€15.80	€15.60



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EC360 GLUE

Thermal Glue Series

A mixture of organic silicone grease and filler give the EC360® GLUE series a high thermal conductivity combined with excellent adhesion qualities. This combination makes it the perfect liquid glue for many applications. The primary use case is attaching heatsinks to RAM, Northbridge and other electrical

components. Its comparatively strong adhesion properties also make it a candidate for attaching heavier heatsinks permanently. When hardened the glue has a silicone like structure which allows a good durability also on flexible surfaces and makes it electrically insulating.

Material Composition

Type	Percentage
Thermal Conductive Materials	40%
Silicone	35%
Fillers	25%

Types and Configurations

Type*	Available sizes*
Tube	10 g, 30 g

* Custom configurations are available upon request, for worldwide industrial inquiries please contact us at: sales@extremecool360.com

Technical Properties

Properties	Unit	Value	Test method
Color	-	white	Visual
Thermal Conductivity	W/mK	2.0	ASTM D5470
Thermal Resistance	°C-in ² /W	0.246	ASTM D5470
Evaporation	%	0.001	-
Bond Strength	MPa	1.8	-
Surface Drying Time(25°C)	minutes	6.0	-
Dielectric Constant	1Mhz	5.0	ASTM D 150
Usable Temperatures	°C	-60 - 250	EN 344

Pricing

Variante	MPN	EAN	1	2+	4+	8+	16+	32+	50+	100+	200+	500+
10 g	EC360G001	0716073556916	€4.50	€4.23	€3.96	€3.83	€3.56	€3.33	€3.11	€2.93	€2.79	€2.70
30 g	EC360G002	0716073556947	€9.50	€8.93	€8.36	€8.08	€7.51	€7.03	€6.56	€6.18	€5.89	€5.70



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EC360 TAPE

Thermal Adhesive Series

A general rule for thermal adhesive is that it either has good adhesion properties or conducts heat well. The EC360® TAPE series has its focus on adhesion. Excellent adhesion properties make it the perfect choice for particularly difficult applications, like gluing thermal pads and even heavy heatsinks. Anything can be attached in a safe and durable way. Handling is

particularly safe, as the pads are electrically isolating. At the same time, at 1.2 W/mK it has the best possible thermal conductivity. The thermal adhesive is double-sided and both sides covered with a protective layer that can be removed upon installation. It can be easily cut using a scissor, which allows trimming it to the perfect size for any surface.

Types and Configurations

Thickness*	Available sizes*
0.15 mm / 0.006 "	50x50 mm, 100x100 mm, 200x200 mm

* Custom configurations are available upon request, for worldwide industrial inquiries please contact us at: sales@extremecool360.com

Technical Properties

Properties	Unit	Value	Test method
Color	-	white	Visual
Thermal Conductivity	W/mK	1.2	ASTM D5470
Adhesion	g/25mm	48000	ASTM D 1000
Peel Adhesion Strength	N/25mm	> 14	PSTC-101
Breakdown Voltage	kV/mm	3.0	ASTM D 149
Usable Temperatures	°C	-40 - 120	EN 344

Pricing

Variante	MPN	EAN	1	2+	4+	8+	16+	32+	50+	100+	200+	500+
50 x 50 x 0.15	EC360A004	0748388847731	€1.79	€1.68	€1.58	€1.52	€1.41	€1.32	€1.24	€1.16	€1.11	€1.07
100 x 100 x 0.15	EC360A001	0748388846642	€2.79	€2.62	€2.46	€2.37	€2.20	€2.06	€1.93	€1.81	€1.73	€1.67
200 x 200 x 0.15	EC360A002	0748388847120	€8.99	€8.45	€7.91	€7.64	€7.10	€6.65	€6.20	€5.84	€5.57	€5.39



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EC360

Extreme Cool Thermal Compounds

If you are interested, please contact us or visit our website.
Gladly, we will give you advice or make you an individual offer.

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