



Summary

GK-260 is an ultra-soft silicon foam with high compressibility. As the low-softness silicon foam, it has excellent resilience, good weather resistance and long-term operation stability. The advantages of light weight, high softness and good flame resistance are the ideal choice for dustproof and vibration isolation in the harsh transportation, industry and electronic products.

Features

- Ultra low softness allows designers to use less force to seal enclosures and still protect their device from the environment.
- Range of thickness from 0.8~20mm
- Tight tolerances and softness, and unique compression set, ideal for demanding sealing application.
- Excellent weather resistance
- Meets the most stringent UL-94 flame rating available, V-0 and HF-1.

Applications

- Vibration isolators in electronic components and transportation vehicles
- Low closing force gasket
- Heat preservation system

Storage

Without Adhesive

- Temperature: 10°C~35°C
- Relative Humidity: 40%~70%

With Adhesive

- Temperature: 18°C~30°C
- Relative Humidity: 45%~55%

Shelf-life

Without Adhesive: 10 years

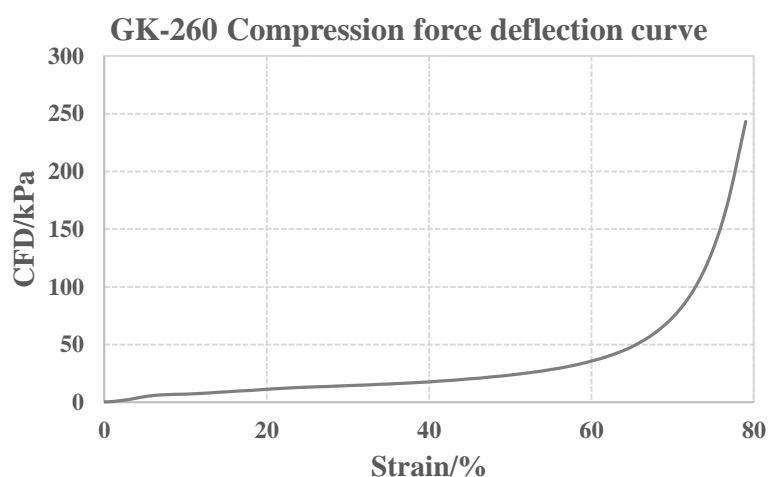
With Adhesive: According to the type of

adhesive

Acrylate adhesive: 18 months

Silicon adhesive: 6 months

Physical Properties	Test Method	Typical Value
Product		GK-260
Density, kg/m ³	ASTM D 1056	250
Thickness, mm		0.8~20
Tolerance, %		± 10
Compression Set % max, 50%, 100°C	ASTM D 1056	<5%
Compression Force Deflection, kPa	ASTM D 1056	10
Tensile strength, kPa (min)	ASTM D 412	120
Tensile Strength % (min)	ASTM D 412	70
Flame Resistance	UL94	V-0, HF-1
30min static compression stress (kPa)	Internal	14.5%
Color	visual	Gray、black
Recommended Temperature		-55°C~200°C



The true and reliable data information contained in this information is intended to assist you in the design of the use of the Guangmai silica gel foam material, based on the scope of application of the product determined by our current cognition and experience, unintentionally and does not constitute any warranty, express or implied, including any warranties of merchantability to the commodity, fitness for special purposes, and does not guarantee that the user can achieve the results shown in this data for a particular purpose. For applications outside the scope, or for use under different conditions and environments, the resulting results will not be liable. Therefore, we strongly recommend that the user determine the suitability of the silica gel material before use.

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