



Product description	HF-2246 is a blue and addition type, two components silicone gel designed for sealing applications. It cures at room temp in a day to soft gel.
Applications	Filter unit such as HEPA, ULPA to prevent polluted air from passing through.
Key performance properties	Good workability Excellent recovery performance Non oil bleeding Gas durability

Typical Property Data

Benefits	Room temperature or heat cure Low viscosity Soft gel Low volatile content Sticky to metal substrate
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Typical properties	Property	HF-2246A	HF-2246B
	Uncured compound		
	Color	Transparent	Blue
	Specific gravity	0.97	0.98
	Viscosity (25 °C, mPa.s) ¹⁾	700	600
	Mixing ratio (weight or volume)	A / B : 1 / 1	
	Curing properties		
	Working time / Snap Time (min) ²⁾	30 - 60	
	Room Temperature Cure Time (h)	15 - 24	
	Heat Cure Time (min) ³⁾	1-3 @ 70 °C	
	Cured compound (24 hr at 25 °C)		
	Penetration (1/4 cone, 1/10 mm)	80	

1) Brookfield Viscometer (LV) / spindle No.62, 10 rpm

2) Working Time is the point that the material begins to gel and starts to become non-flowable at room temp.

3) Time to cure material to 90% of final properties

※ Notice Typical property data values should not be used as specifications.

Composition	Part A: Silicone, Catalyst Part B: Silicone, Crosslinker
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Curing process	This product blend A and B to 1:1. For appropriate gel property A and B are blended homogeneously and in vacuum some cases. After blending each component pour into filter unit frame or etc. In some applications are critical to air you can vacuum whole assemblies with pouring mixed compounds . Curing takes place without any heat release but can be accelerated by heating.
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Storage and packaging

Shelf life and storage	Use the product within 12 months from the date of manufacturing. Store in a cool and dry place out of direct sunlight. Keep out of the reach of the children.
Packaging	HF-2246A : 18kg Metallic drum HF-2246B : 18kg Metallic drum
Remarks	
Handling Precautions	1) Curing time can be different from temperature ranges. 2) If contacts or contains with water, sulfur, nitrogen compounds, organic metallic salts, Sn compounds, phosphorus compounds, vulcanized rubber, etc. might cause curing faults, careful attention is needed at all times. 3) Keep out of the reach of children. Do not swallow. 4) Do not use heat, open flame, sparks or other sources of ignition. 5) For industrial use only 6) No shock and vibration 7) Store in a cool place out of direct sunlight. When stored at -10 ~ 40°C in the original unopened containers have a useable life of 12 months from the date of production. 8) All parts should be as clean and dry as possible prior to applications. 9) Use product after completely cured. 10) Keep away from ultraviolet light. 11) Wear eye protection and protective glove when handling this product. Maintain adequate ventilation in the work place at all times. 12) Wash thoroughly affected skin areas with mild soap and plenty of water 13) Do not dispose of the emptied container unless the contents have been completely removed and the container has been flushed with a clean neutral solvent and then dried up. 14) Use product within shelf life.
Warranty information	The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that KCC's products are safe, effective, and fully satisfactory for the intended end use. KCC's sole warranty is that the product will meet the KCC sales specifications in effect at the time of shipment. Your exclusive remedy for breach of such warranty is limited to replacement of any product shown to be other than as warranted. KCC specifically disclaims any other express or implied warranty of fitness for a particular purpose or merchantability. Unless KCC provides you with a specific, duly signed endorsement of fitness for use, KCC disclaims liability for any incidental or consequential damages. Suggestions of use shall not be taken as inducements to infringe any patent.
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Revision	

※ Please refer to MSDS if you want to know more specific usage or caution.
for further information, please see our website, www.kccworld.co.kr

