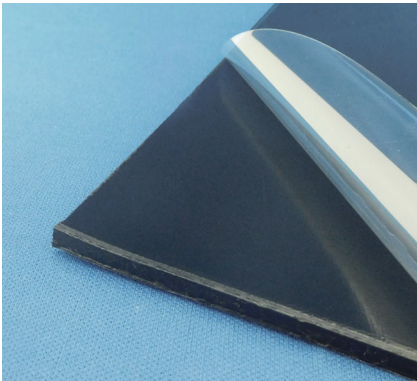


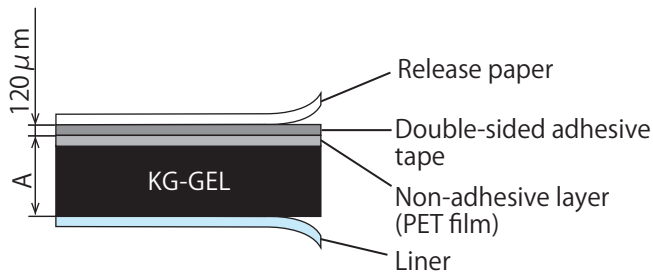
# KG-GEL 90VBK SHEET / G90VBK



## Shock-absorbing damper GEL with flame retardant UL94V-0.

- Extremely low-hardness material enables higher absorbing performance for equipment and components with higher damping performance from the lower frequency.
- Silicone-free, no siloxane outgassing.
- It is UL94V-0 certified product.

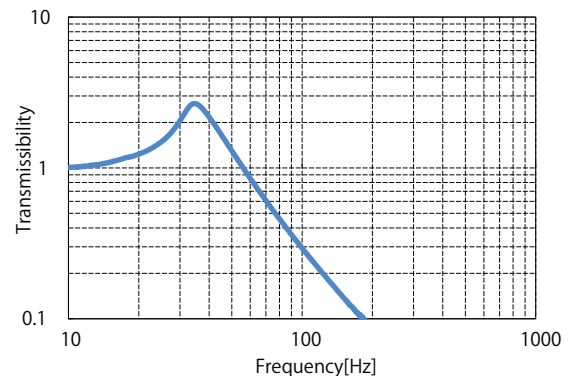
### Product structure



Part No.	A(mm)
G90VBK-1.0TC1	1.0
G90VBK-2.0TC1	2.0
G90VBK-3.0TC1	3.0
G90VBK-4.0TC1	4.0
G90VBK-5.0TC1	5.0

### Properties

Category	Unit	Standard	G90VBK
Material	—	—	TPS(YMG-90V-BK)
Color	—	—	Black
Hardness	ASKER FP	—	91
Specific gravity	—	—	1.08
Tensile strength	MPa	JIS K6251	0.41
Elongation	%	JIS K6251	292
Flammability	—	UL94	V-0 <sup>※1</sup>
Operating temperature	°C	—	-20 ~ 85
Resonance frequency	Hz	—	34.6
Maximum vibration transmissibility	—	—	2.7
Loss Factor	—	—	0.39
Crossover frequency	Hz	—	56.1
Available max. dimension. <sup>※2</sup>	mm	—	297×205



<Testing condition>  
 Sample : □5mm, t=3mm  
 Load : 400g  
 Support point number : Four point mounting  
 Acceleration : 0.4G  
 Temperature : 23°C

※1) UL94V-0 flame retardant is certified with product thickness of 1.5mm and over.  
 ※2) Please contact us for available pcs/sheet.

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