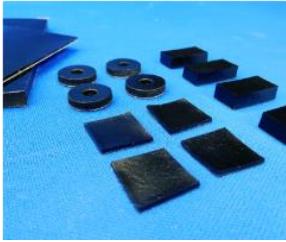


KG-GEL 80TW SHEET

Kitagawa series: TWG80



- Silicone-free, gel type vibration and shock damper.
- Soft material isolates shock waves from low frequencies.
- Prevents shock waves travelling to the device.
- High temperature resistance.
- Operating temperature from -20 to +100°C.
- Custom shapes and sizes available upon request.

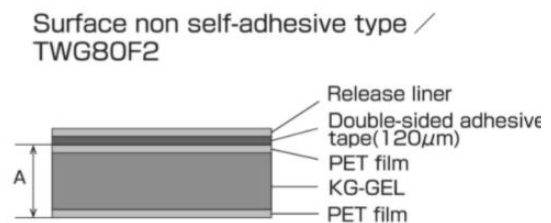
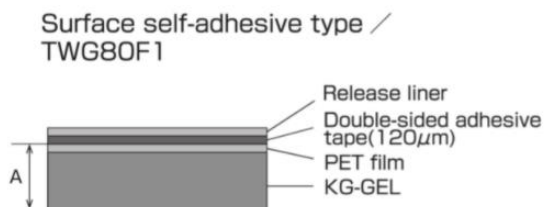


Material: TPS

Part Number	A	Available maximum dimensions
TWG80F1(2)-1.00TC1	1.0	430 x 310
TWG80F1(2)-2.00TC1	2.0	430 x 310
TWG80F1(2)-3.00TC1	3.0	430 x 310
TWG80F1(2)-4.00TC1	4.0	430 x 310
TWG80F1(2)-5.00TC1	5.0	430 x 310

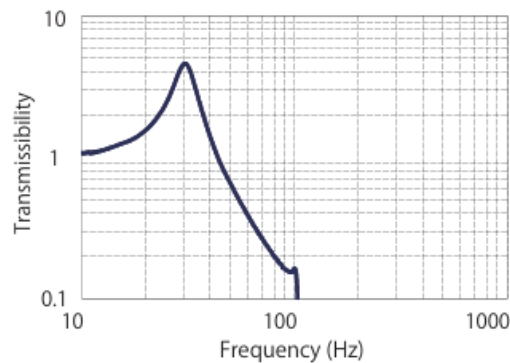
Dimensions in mm

Cross-section view



Category	Test Method	Unit	TWG80
Material	-	-	TPS
Colour	-	-	Black
Thickness (A)	-	MM	1.0 ~ 5.0
Hardness	JIS K 6253	ASKER FP	83
Specific Gravity	-	-	0.91
Tensile Strength	JIS K 6251	MPa	1.0
Elongation	JIS K 6251	%	728
Flammability	UL94	-	HB equivalent
Resonant Frequency	-	Hz	30.5
Max. vibration transmissibility	-	-	4.6
Loss Factor	-	-	0.22
Crossover frequency	-	Hz	43.6
Operating Temperature	-	°C	-20 ~ 200

Vibration transmission characteristics



Test conditions

Specimen: □5mm, t=3mm
 Load : 200g
 No. of support: 4 points (in corner)
 Vibration acceleration: 0.4G

For engineering drawings, 3D files or additional test data please contact our [sales team](#).

ANNOTATION

All specifications shown herein are typical values and are not guaranteed. It is recommended to test in the application for suitability.