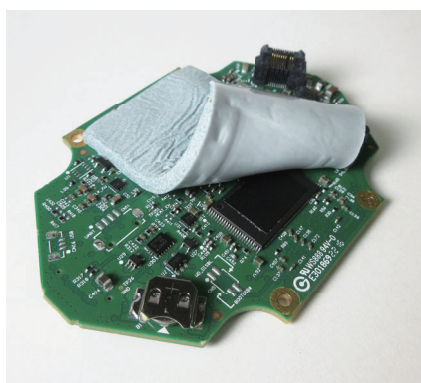




*CPVP : 2.0W/m·K



2-layer putty-like thermal pad with excellent stress relief

Features

- Low compression force and excellent stress relaxation.
- Super compliant (ASKER C 0) material layered between thin permanent PET film and light tacky layer for easy handling.
- Operating temperature: -40 ~ 125°C
- Silicone-free TIM generates no siloxane gas and has less oil bleeding.

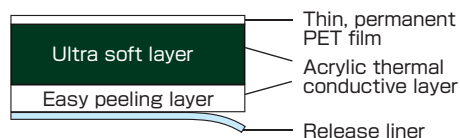
(The values are measured values, but not the product specifications or guaranteed.)

Test type	Unit	Standard	CPVP-F	CPVP-30-F
Thermal Conductivity	W/m·K	JIS R 2616 (Hot-wire method)	2.0	—
		ISO22007-2 (Hot Disc method)	1.4	2.5 or higher (Super soft layer:3.0)
Color	—	—	Darkgreen/White	Green/White
Thickness	mm	—	1.0/1.5/2.0 3.0/4.0/5.0/6.0	1.0/2.0/3.0/4.0
Specific Gravity	—	JIS Z 8807	1.92	2.62
Hardness*1	ASKER C	JIS K 7312	0 (Ultra soft layer)	7 (Super soft layer)
	Shore 00	ASTM D 2240	—	18 (Super soft layer)
Tensile strength	MPa	JIS K 6251	0.31	0.38
Elongation rate	%	JIS K 6251	7.5	7.9
Volume Resistivity	Ω·cm	JIS K 6911 compliant	1.0×10 ¹¹	1.0×10 ¹¹
Breakdown voltage	kV/mm	JIS C 2110-1 compliant	9.1	4.4
Withstanding voltage	kV/mm	JIS C 2110-1 compliant	8	3.5
Tracking resistance	—	JIS C 2134	PLC:0 (600V or higher) (t=3.0mm)	PLC:0 (600V or higher) (t=4.0mm)
Dielectric constant	1MHz	Company standard	11.3	11.9
Loss tangent	1MHz	Company standard	0.04	0.01
Flammability	—	UL94	V-0	V-0
Operating temp	°C	—	-40~125	-40~125
Available max dimension*2	mm	—	200×515	200×515

※1) Measured Ultra soft/Super soft/Soft layer, minimum 10mm stacked.

※2) For usable dimensions, custom cuts, and material yield, contact your local sales department.

CPVP-F



CPVP-30-F

