



SSDs for Extreme Environment

Conformal Coating Service

Do you worry about unexpected failures caused by high humidity, dust, cutting oil or chemical contaminants?



Let us help you!

You have 2 choices of coating materials.

Acrylic Resin

Urethane Acrylate

The urethane acrylate is more protective from salt water and oil.
Of course, the materials comply with RoHS.



SSDs You Can Choose

Form factor	3D NAND	Part Number	
		Standard	Wide Temp
2.5inch	TLC	SN2S-xxxGP**SN	SN2S-xxxGP**JI
	MLC Mode	RN2S-xxxGP**SN	RN2S-xxxGP**JI
	SLC Mode	HN2S-xxxGP**SN	HN2S-xxxGP**JI
mSATA	TLC	SNMS-xxxGP**SN	SNMS-xxxGP**JI
	MLC Mode	RNMS-xxxGP**SN	RNMS-xxxGP**JI
	SLC Mode	HNMS-xxxGP**SN	HNMS-xxxGP**JI
M.2 2242	TLC	SN4S-xxxGP**SN	SN4S-xxxGP**JI
	MLC Mode	RN4S-xxxGP**SN	RN4S-xxxGP**JI
	SLC Mode	HN4S-xxxGP**SN	HN4S-xxxGP**JI



Comply With Major Standards

- ✓ **MIL-I-46058C**: Military-grade of the thermal shock test
- ✓ **UL94V-0**: Higher grade of the flame retardant

Coating Characteristics

Coating Materials	Acrylic Resin / Solvent	Urethane Acrylate / Solvent-Less
Appearance	Transparent	Transparent
Dust resistance	+++	+++
Anti-humidity	+++	+++
Gas resistance	+++	+++
Salt water resistance	++	+++
Oil resistance	++	+++
Heat resistance *1	-40°C to 125°C	-40°C to 150°C
RoHS	Yes	Yes
Fire-resistance	UL94V-0	UL94V-0
Environmental impact (VOC regulation)	+	+++
Repairability	+++	+ *3
MIL-I-46058C *2	Yes	Yes

[+++ : excellent, ++ : good, + : average]

*1: Temperature specification of the coating materials. *2: Thermal shock test standards.
 *3: We cannot repair and analyze the parts on the SSDs because of the coating.

■ Partner: