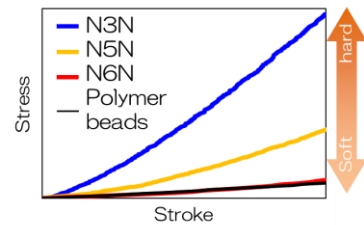
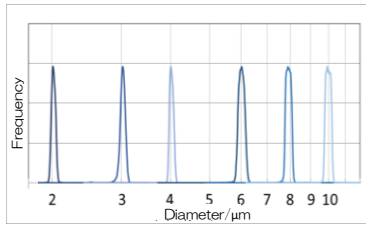


About HIPRESICA

- HIPRESICA is High Purity & Monodisperse Silica-Based Particles .
- "Spacer grade" and "Filler grade" are available according to the application.
- Both grades allow adjustment of particle hardness.



Spacer grade

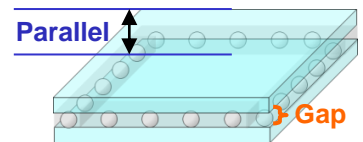
- Particularly narrow particle size distribution, then mainly used as a spacer.
- Mainly used as a spacer for electronic materials.

Lineup

Product	Type	Particle size range (Controlling Pitch)	Particle distribution (CV※)
SS	N 3 N (Regular)	1.0 ~ 1.4 μm (0.1 μm)	≦ 4.0%
T S	N 3 N	1.5 ~ 1.9 μm (0.1 μm)	≦ 3.5%
		2.0 ~ 2.9 μm (0.1 μm)	≦ 3.0%
		3.0 ~ 12.0 μm (0.1 μm)	≦ 2.5%
	1.3 ~ 2.0 μm (1 μm)		
	N 5 N N 6 N (Soft type)	2.0 ~ 2.8 μm (0.2 μm)	≦ 3.0%
		3.0 ~ 12.0 μm (0.2 μm)	≦ 2.5%
T S (Larger)	N 3 N	30 ~ 50 μm (10 μm)	≦ 2.5%
	N 6 N	20 ~ 70 μm (10 μm)	≦ 2.5%

※CV (%) =SD/[mean diameter] ×100, measured by Coulter counter method

Usage image



Control the "gap" and "parallelism" between two parallel substrates to be laminated

Filler grade

- High-purity & monodisperse filler, does not contain coarse particles.
- Moisture absorption amount can be adjusted.

Lineup

Product	Type	Particle size range (Controlling Pitch)	Particle distribution (CV※)
FR	N 2 N	1 μm	≧ 10%
FQ	N □ N※	2~6 (1 μm)	

※ □=2, 3, 4

Water absorption behavior

