

Sliding & Adhesion

Material Revolution

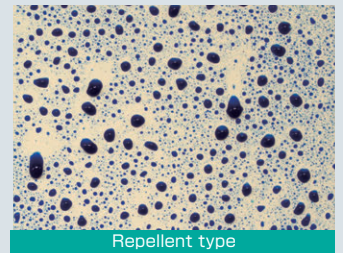
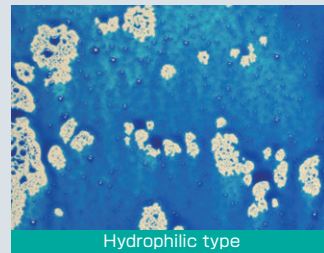


Characteristics of Silicone × Vinyl Acetate



Repellency Control

Resin emulsions can be designed ranging from hydrophilic to repellent types.



Extension of service life



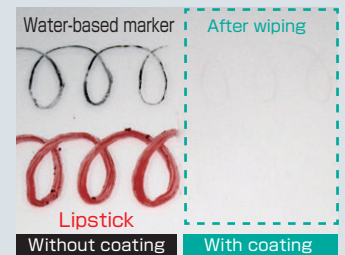
Scratch Resistance

The coated surface of the base material is slidable.



Antifouling Property

Fouling can be removed easily.



Keep the wooden features



Transparency

Coating film does not affect the appearance of the base material.



Water Resistance

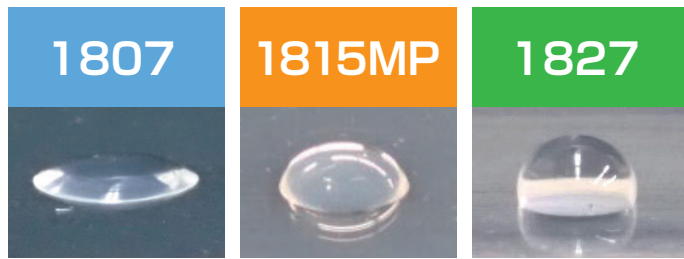
Not soluble in water.



Silicone and Vinyl Acetate Hybrid Resin Emulsion

1800Series

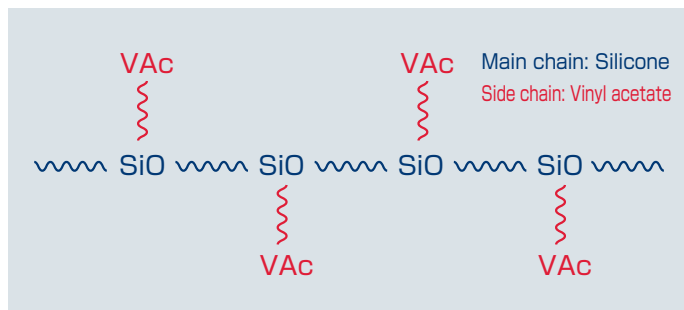
Line-up



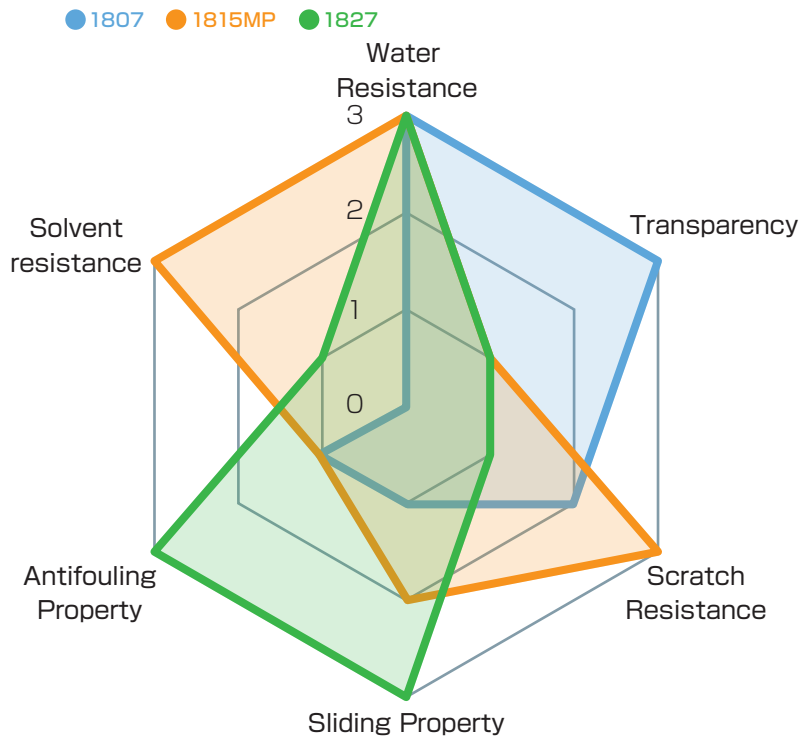
Hydrophilic
type

Repellent
type

Molecular Structure Image

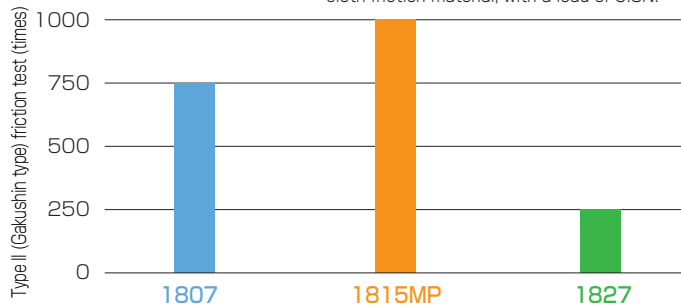


Characteristic chart



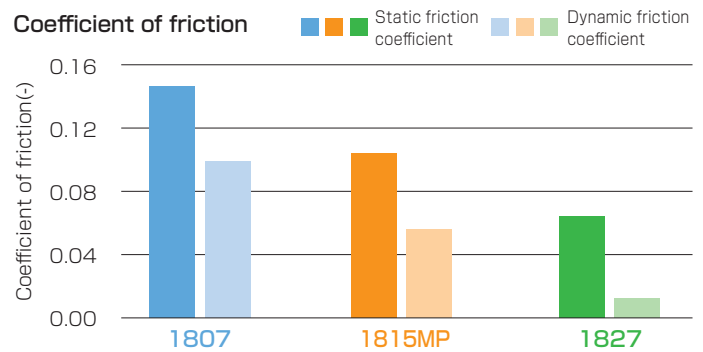
Scratch Resistance

Color Fastness Rubbing Testing ■ Tested on a PET base material, using a cotton cloth friction material, with a load of 9.8N.



Sliding Property

Coefficient of friction



Antifouling Property

	PET	Glass	Paper
Pencil			▲ ● ●
Ballpoint pen			× × ●
Water-based marker	● ● ●	● ● ●	● ▲ ●
Lipstick	● ● ●	● ● ●	● ● ●

● 1807 ● 1815MP ● 1827

● Resin coated base materials are fouled with each material and wiped with tissue paper for observation.

Water resistance/Solvent resistance

	Residual ratio of film		
	Water	Methanol	DMF
1807	99	0	0
1815MP	98	95	95
1827	99	30	20