

# Siliwide FS Series Modified Silicone – Colorless

Product No.		FS0665	FS0354	FS1442
<b>Product Description</b>				
<b>Features</b>		<b>LowViscosity</b>	<b>MediumViscosity</b>	<b>HighClear</b>
<b>Color</b>		<b>opaque</b>	<b>LightYellow</b>	<b>Clear</b>
<b>Viscosity(cps) / Ti</b>		<b>6,000~9,000</b>	<b>18,000~40,000</b>	<b>17,600~26,400</b>
<b>Pot Life</b>	(26±1°C, 57±5%RH)(min)	< 3	3	3
<b>Surface Dry Time</b>		5	5	7
<b>Curing depth (30°C*50%RH) (mm)</b>	1 day	2.2	2.4	2.7
	2 day	2.8	3.3	3.6
	3 day	3.7	4.1	4.3
	7 day	6.4	6	6.6
<b>Hardness(SHORE)</b>		<b>A30</b>	<b>A42</b>	<b>A40</b>
<b>Shear Strength (kgf/cm2)</b>	PC	20	20	15
	ABS	15	18	15
	PMMA	20	16	37
	PET	12	15	19
	PA6	18	8	10
	PVC	20	20	35
	Cu	40	10	40
	SUS	18	13	37
	Glass	29	12	9
	Al	25	13	39
<b>Surface Resistivity,( ohm)</b>		<b>2.1*10<sup>12</sup> 2.2*10<sup>11</sup></b>	<b>1.7*10<sup>12</sup> 2.0*10<sup>11</sup></b>	<b>2.0*10<sup>12</sup> 2.2*10<sup>11</sup></b>
<b>Volume Resistivity, (ohm-cm)</b>				
<b>Temperature Range(°C)</b>		<b>-40 ~ +100</b>	<b>-40 ~ +100</b>	<b>-40 ~ +100</b>

Product No.		FS115	FS1371	FS180-2
Product Description				
Features		MediumViscosity HighShear Strength	MediumViscosity HighShear Strength	HighViscosity HighShear Strength
Color		opaque	opaque	Clear
Viscosity(cps) / Ti		30,000~65,000	35,000~70,000	80,000~140,000
Pot Life	(26±1°C, 57±5%RH)(min)	15	3	6
Surface Dry Time		29	10	12
Curing depth (30°C*50%RH) (mm)	1 day	2.3	2.4	/
	2 day	3.2	3.1	/
	3 day	3.8	3.8	/
	7 day	5.5	5.9	/
Hardness(SHORE)		A43	A38	A36
Shear Strength (kgf/cm <sup>2</sup> )	PC	13	25	27
	ABS	7	6	17
	PMMA	19	20	17
	PET	30	26	/
	PA6	9	9	20
	PVC	30	28	/
	Cu	39	36	/
	SUS	30	25	/
	Glass	7	/	/
	Al	26	39	37
Surface Resistivity,( ohm)		6.4*10 <sup>13</sup> 5.0*10 <sup>11</sup>	2.2*10 <sup>13</sup> 4.2*10 <sup>12</sup>	1.0*10 <sup>13</sup> 1.8*10 <sup>11</sup>
Volume Resistivity, (ohm-cm)				
Temperature Range(°C)		-40 ~ +100	-40 ~ +100	-40 ~ +100
Storage / Shelf Life		14~34°C/6Months	14~34°C/6Months	14~34°C/6Months