

Siliwide FS Series Modified Silicone – Black

Product No.		FS0664BL	FS100BL2	FS115BL3
Product Description				
Features		Low Viscosity	MediumViscosity	MediumViscosity HighShear Strength
Color		Black	Black	Black
Viscosity(cps) / Ti		6,000~9,000	30,000~60,000	50,000~90,000 / >1.5
Pot Life	(26±1°C, 57±5%RH)(min)	< 3	< 3	3
Surface Dry Time		5	5	7
Curing depth (30°C*50%RH) (mm)	1 day	2.2	2.5	2.7
	2 day	2.8	3.3	3.4
	3 day	3.7	4	4.1
	7 day	6.4	6	5.4
Hardness(SHORE)		A30	A31	A40
Shear Strength (kgf/cm ²)	PC	20	26	30
	ABS	15	19	9
	PMMA	20.4	14.3	25
	PET	12	30	14
	PA6	18	22	9
	PVC	20	31.1	28
	Cu	40	41	40
	SUS	18	27	34
	Glass	28.9	30	25
	Al	25	32.7	36
Surface Resistivity,(ohm)		2.1*10 ¹² 2.2*10 ¹¹	3.8*10 ¹² 5.0*10 ¹¹	3.5*10 ¹² 1.0*10 ¹¹
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/9Months

Product No.		FS100BL1	FS035BL	FS115BL6
Product Description				
Features		MediumHighViscosity HighShear Strength	HighViscosity High Ti	HighViscosity High Ti
Color		Black	Black	Black
Viscosity(cps) / Ti		80,000~120,000	100,000~200,000 / >3	400,000~750,000 / >3
Pot Life	(26±1°C, 57±5%RH)(min)	3	< 3	3
Surface Dry Time		7	5	5
Curing depth (30°C*50%RH) (mm)	1 day	2.6	2.1	2.6
	2 day	3.2	2.7	3.2
	3 day	4	3.7	3.8
	7 day	5.8	4.4	5.7
Hardness(SHORE)		A41	A49	A50
Shear Strength (kgf/cm ²)	PC	25	25	13
	ABS	20	20	9
	PMMA	21	36	27
	PET	30	22	14
	PA6	/	12	22
	PVC	32	36	30
	Cu	36	35	40
	SUS	35	41	26
	Glass	38	35	25
	Al	38	34	27
Surface Resistivity,(ohm)		1.8*10 ¹² 2.0*10 ¹¹	2.0*10 ¹² 2.2*10 ¹¹	1.9*10 ¹² 2.0*10 ¹¹
Volume Resistivity, (ohm-cm)				
Temperature Range(°C)		-40 ~ +100	-40 ~ +100	-40 ~ +100
Storage / Shelf Life		14~34°C/9Months	14~34°C/9Months	14~34°C/6Months