



Silicone Adhesive Sealants

New Product Code	Cure Type	Rheology	Viscosity mPas	RTV or Heat cure	Colour	Min Working Temp °C	Max Working Temp +°C	Duro Shore A	Tensile MPa	Elongation %	Tack Free Time mins	Max Cure 3mm Hrs @25°C	Thermal Conductivity W/mK
1-Part Silcoset Adhesive Sealants													
Silcoset 151	Acetoxy	Self Level	210000	RTV	White	-60	300	43	2.93	180	10	<12	0.20
Silcoset 152	Acetoxy	Paste		RTV	White	-60	300	40	2.31	240	2	7	0.20
Silcoset 153	Acetoxy	Paste		RTV	Translucent	-60	250	39	2.32	280	4	7	0.20
Silcoset 158	Acetoxy	Paste		RTV	Black	-60	300	38	2.30	290	4	7	0.20
1-Part Industrial Adhesive Sealants													
AS1500	Acetoxy	Paste		RTV	White	-50	300	39	2.40	270	3	7	0.20
AS1502	Acetoxy	Paste		RTV	Silver Grey	-50	300	52	3.00	205	4	7	0.20
AS1504	Acetoxy	Paste		RTV	Red	-50	300	35	2.50	410	4	7	0.20
AS1521	Acetoxy	Flowable	49000	RTV	Translucent	-50	250	30	0.90	328	9	4	0.20
AS1522	Acetoxy	Flowable	7000	RTV	Translucent	-50	250	22	0.70	165	10	4	0.20
AS1523	Acetoxy	Flowable	70000	RTV	Translucent	-50	250	25	4.90	655	11	<14	0.20
AS1524	Acetoxy	Flowable	60000	RTV	White	-50	250	24	5.00	600	10	<14	0.20
1-Part Low Corrosive Industrial Sealants													
AS1602	Oxime	Paste		RTV	White	-50	250	38	1.60	220	4	<14	0.20
AS1603	Oxime	Paste		RTV	Translucent	-50	220	33	2.15	300	5	12	0.20
AS1604	Oxime	Paste		RTV	Black	-50	240	50	2.00	250	3	<12	0.30
AS1606	Oxime	Paste		RTV	Translucent	-50	220	25	1.50	530	8	10	0.20
AS1607	Oxime	Paste		RTV	White	-50	220	70	2.90	70	1	<9	1.58
AS1620	Oxime	Flowable	26000	RTV	Translucent	-50	220	25	2.00	400	14	<24	0.20
AS1621	Oxime	Flowable	24000	RTV	White	-50	230	24	2.00	410	19	<24	0.20
AS1622	Oxime	Flowable	23500	RTV	Black	-50	275	24	1.90	390	13	<24	0.20
AS1623	Oxime	Flowable	6000	RTV	Brick Red	-65	250	24	1.20	180	19	24	0.20
1-Part Non-Corrosive Neutral Cure Adhesive Sealants (Electronic Grades)													
AS1402	Addition	Paste		Heat Cured	Translucent	-50	200	30	1.50	295			0.20
AS1420	Addition	Flowable	43000	Heat Cured	Grey	-50	260	67	3.10	70			1.38
AS1421	Addition	Paste	140000	Heat Cured	Grey	-50	210	56	2.20	105			2.10
AS1700	Alkoxy	Paste		RTV	Translucent	-50	200	30	2.43	545	10	36	0.20
AS1701	Alkoxy	Paste		RTV	Black	-50	220	52	2.35	200	3	24	0.60
AS1721	Alkoxy	Self Level	95000	RTV	Black	-50	200	27	1.21	320	10	<36	0.20
AS1722	Alkoxy	Self Level	40000	RTV	Translucent	-50	200	25	1.80	380	25	<72	0.18
AS1740	Alkoxy	Self Level	40000	RTV	Translucent	-62	200	18	1.80	400	18	<72	0.18
AS1745G	Alkoxy	Paste		RTV	Grey	-62	316	35	7.75	830	45	<36	0.20
AS1745T	Alkoxy	Paste		RTV	Translucent	-62	200	35	6.90	775	45	<36	0.20
AS1800	Acetone	Paste		RTV	White	-50	220	35	2.20	388	2	<24	0.20
AS1801	Acetone	Paste		RTV	Black	-50	220	35	2.00	320	2	<24	0.20
AS1802	Acetone	Self Level	350000	RTV	Grey	-50	220	67	3.90	103	4	<8	2.30
AS1803	Acetone	Self Level	350000	RTV	White	-50	220	65	2.80	94	4	<8	1.55
AS1805	Acetone	Paste		RTV	Red	-50	300	50	1.70	270	4	8	0.20
AS1810	Acetone	Paste		RTV	Black	-50	220	35	1.81	353	4	<24	0.19
AS1820	Acetone	Flowable	30000	RTV	White	-50	220	30	1.10	330	6	16	0.20
AS1821	Acetone	Flowable	20000	RTV	Black	-50	220	27	0.85	200	10	<24	0.20
1-Part General Purpose Sealants													
AS5500	Acetoxy	Paste		RTV	Various	-50	200	30	1.70	440	4	<12	
AS5600	Oxime	Paste		RTV	Various	-50	180	28	1.12	530	7	<12	
AS5700	Alkoxy	Paste		RTV	White	-60	200	34	2.00	580	15	24	
AS5701	Alkoxy	Paste		RTV	Black	-60	260	37	2.40	450	10	24	
AS5702	Alkoxy	Paste		RTV	Translucent	-60	200	24	2.70	540	15	24	
AS5720	Alkoxy	Self Level	80000	RTV	White	-60	200	20	1.50	450	25	24	
AS5721	Alkoxy	Self Level	100000	RTV	Black	-60	260	30	1.50	450	25	24	
AS5722	Alkoxy	Slumping Paste	220000	RTV	White	-60	200	25	1.52	450	25	24	

Silicone Greases

Product	Description	Properties	Application
SGM494	Silicone Grease High Performance	Water Potable, MOD approved XG250.	Plastic / Rubber water fittings. Aerospace lubricant, Mould release,
SGM496	Silicone Grease High voltage insulator	Non-melting Excellent dielectric properties	Insulation and protection Protection of high voltage insulators

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Silicones for Electronics & Electrical Applications

Encapsulation and Potting Materials

Product Code	Cure	Colour	Mixed Viscosity MPa	UL 94V-0	Min Working Temp °C	Max Working Temp °C	Hardness Shore A	Pot Life mins @ 25°C	Cure Speed		Thermal Conductivity W/mK
									Hrs 25°C	Mins 100°C	
1-Part Silicones											
AS1420	Addition	Grey	43000	No	-50	260	67			30	2.55
AS1421	Addition	Grey	140000	No	-50	210	56			16	2.1
AS1721	Alkoxy	Black	95000	No	-50	200	27		<36		0.2
AS1722	Alkoxy	Translucent	40000	No	-50	200	27		<72		0.18
AS1820	Acetone	White	30000	No	-50	220	30		16		0.20
AS1821	Acetone	Black	20000	No	-50	220	27		<24		0.20
2-Part Silicone Compounds											
QLE1102	Addition	Transparent	2000	No	-50	200	45	180	<24	30	0.18
QSil12	Condensation	Transparent	1100	No	-50	220	19	120	16		0.18
QSil216	Addition	Transparent	4500	No	-60	204	40	240	20	60	0.18
QSil218	Addition	Transparent	3000	No	-60	200	59	360	24-48	60	0.18
QSil222	Addition	Transparent	2200	No	-60	200	59	1440	N/A	120	0.18
QSil550	Addition	Grey	6000	Yes	-50	275	55	30	24	7	0.37
QSil553	Addition	Grey	4500	Yes	-50	260	32	180	24	7	0.68
QSil556	Addition	Grey	1700	No	-50	275	46	65	24	15	0.32
QSil573	Addition	Grey	6000	Yes	-50	200	65	60	24	35	0.90
SE2003	Addition	Brick Red	35000	No	-50	250	80	120	24	30	1.27
SE2005	Condensation	White	9000	No	-50	220	40	60	24		0.24
SE2008T	Addition	Black	2200	No	-50	200	48	60	9	15	0.50
Silcoset 101	Condensation	Red	40000	No	-60	250	61	60	4		0.37
Silicone Gels											
EGel3000	Addition	Transparent	630	No	-55	200		>45	<24	<60	
EGel3003	Addition	Translucent	550	No	-55	200		1440	N/A	60	
QGel300	Addition	Transparent	1000	No	-55	200		120	24	60	
QGel301	Addition	Transparent	2000	No	-55	200		15	1	10	
QGel311	Addition	Transparent	1000	No	-55	200		3	1.5	10	
QGel330	Addition	Transparent	675	No	-55	200		45	20	60	
QGel331	Addition	Blue	750	No	-55	200		45	20	60	
EGel3100	Addition	Grey	29000	No	-55	200		60	8	30	1.55

Thermal Transfer Materials

Product Code	Mixed Viscosity MPa	Rheology	Colour	RTV or Heat Cure	Min Working Temp °C	Max Working Temp °C	Hardness Shore A	Thermal Conductivity W/mK
1-Part Adhesive Sealants								
AS1420	43000	Flowable	Grey	Heat Cured	-50	260	67	1.38
AS1421	140000	Paste	Grey	Heat Cured	-50	210	56	2.10
AS1607		Paste	White	RTV	-50	220	70	1.58
AS1701		Paste	Black	RTV	-50	220	52	0.60
AS1802	350000	Self Level	Grey	RTV	-50	220	67	2.30
AS1803	350000	Self Level	White	RTV	-50	220	65	1.55
2-Part Potting & Encapsulants								
QSil553	4500	Liquid	Grey	Heat Accelerated RTV	-50	260	32	0.68
QSil573	6000	Viscous Liquid	Grey	Heat Accelerated RTV	-50	200	65	0.90
EGel3100	29000	Liquid	Grey	Heat Accelerated RTV Gel	-55	200	Gel	1.55
SE2003	35000	Viscous Liquid	Brick Red	Heat Accelerated RTV	-50	250	80	1.27
SE2008T	2200	Viscous Liquid	Black	Heat Accelerated RTV	-50	200	48	0.50
1-Part Non Setting Compounds								
SG500	Paste	Paste	White	Non Curing	-50	150	N/A	0.77
SG502	Paste	Paste	White	Non Curing	-50	200	N/A	3.00

Coatings & Cleaners

Product Code	Description	Solvented	Colour	Viscosity	Cure	Min Working Temp °C	Max Working Temp °C	Thinner
ACC11	Acrylic Conformal Coating	Yes	Clear	250-350	Air Dry	-55	130	ACC31
ACC14UV	Silicone Conformal Coating	No	Clear	250	RTV	-50	200	
AS1722	Silicone Coating	No	Translucent	40000	RTV	-50	200	N/A
ACC13	Synthetic Peelable Mask	No	Pink	29000	Air Dry			Water
ACC50	PCB Cleaner in aerosol	Yes						

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