

## Encapsulation and Potting Materials

Product Code	Cure	Colour	Mixed Viscosity mPa.s	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	
<b>1-Part Silicones</b>											
AS1420	Addition	Grey	43000	No	-50	260	67			30	1.38
AS1421	Addition	Grey	140000	No	-50	210	56			16	2.10
AS1721	Alkoxy	Black	95000	No	-50	200	27		<36		0.20
AS1723	Alkoxy	Translucent	72000	No	-50	200	28		24		0.20
AS1740	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
<b>2-Part Silicone Compounds</b>											
QLE1102	Addition	Transparent	2000	No	-55	200	45	180	<24	30	0.18
QSi112	Condensation	Transparent	1100	No	-55	220	19	120	16		0.18
QSi1216	Addition	Transparent	4500	No	-55	204	40	240	20	60	0.18
QSi1214	Addition	Transparent	6000	No	-55	204	40	30	24	60	0.18
QSi1218	Addition	Transparent	3500	No	-55	204	55	360	24-48	60	0.18
QSi1222	Addition	Transparent	2200	No	-55	204	40	1440	N/A	120	0.18
QSi1229	Addition	Transparent	5300	No	-55	204	65	1440	N/A	120	0.18
QSi1550	Addition	Grey	4000	Yes	-55	275	55	60	24	7	0.37
QSi1553	Addition	Grey	6000	Yes	-55	260	45	100	24	7	0.68
QSi1553LV	Addition	Grey	4000	Yes	-55	260	45	100	24	7	0.68
QSi1556	Addition	Grey	1750	Yes	-55	275	50	65	24	15	0.37
QSi1573	Addition	Grey	5500	Yes	-55	204	55	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
SE2011	Condensation	Black	4000	No	-50	220	23	20	2		0.20
SE3000	Addition	Orange	1950	Yes	-70	250	40	50	4	6	1.17
Silcoset 101	Condensation	Red	40000	No	-60	250	61	60	4		0.37
Silcoset 105	Condensation	White	9000	No	-50	220	45	50	24		0.20
<b>Silicone Gels</b>											
EGel3000	Addition	Transparent	630	No	-55	200		>45	<24	<60	
EGel3002	Addition	Transparent	2000	No	-55	200		22	<24	30	
EGel3003	Addition	Translucent	550	No	-55	200		1440	N/A	60	
EGel3005	Addition	Transparent	630	No	-55	200		4	0.25	0.17	
ALPA-GEL M	Addition	Transparent	2000	No	-50	200		60	4		
TufGel330	Addition	Transparent	800	No	-55	204		60	20	60	
TufGel336	Addition	Black	375	No	-55	204		6	1		
QGel311	Addition	Transparent	1000	No	-55	204		3	1.5	10	
QGel331	Addition	Blue	800	No	-55	204		45	20	60	
EGel3100	Addition	Grey	29000	No	-55	200		60	8	30	1.55

## Thermal Transfer Materials

Product Code	Mixed Viscosity mPa.s	Rheology	Colour	RTV or Heat Cure	Min Working Temp °C	Max Working Temp °C	Hardness Shore A	Thermal Conductivity W/mK	
<b>1&amp;2 Part Adhesive Sealants</b>									
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	
AS2701		Paste	Grey	RTV	-50	200	65	1.55	
AS1802	350000	Self Level	Grey	RTV	-50	220	67	2.30	
AS1803	350000	Self Level	White	RTV	-50	220	65	1.55	
<b>2-Part Potting &amp; Encapsulants</b>									
QSi1553	6000	Liquid	Grey	Heat Accelerated RTV	-55	260	45	0.68	
QSi1553LV	4000	Liquid	Grey	Heat Accelerated RTV	-55	260	45	0.68	
QSi1573	6000	Viscous Liquid	Grey	Heat Accelerated RTV	-55	204	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	
SE3000	1950	Liquid	Orange	Heat Accelerated RTV	-70	250	40	1.17	
<b>1-Part Non Setting Compounds</b>									
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
ACC15	Silicone Conformal Coating	No	Translucent	1180	RTV	-55	200	ACC34
ACC17	Silicone Conformal Coating	No	Pale Yellow	400	RTV	-55	200	ACC34UV
QLE1102	Silicone Coating	No	Transparent	2000	RTV	-55	200	ACC34 UV
AS1726	Silicone Coating	No	Translucent	3100	RTV	-62	200	N/A
AS1740	Silicone Coating	No	Translucent	40000	RTV	-62	200	N/A
AS1723	Silicone Coating	No	Translucent	72000	RTV	-50	200	N/A
ACC13	Synthetic Peelable Mask	No	Pink	29000	Air Dry			Water
ACC50	PCB Cleaner in aerosol	Yes						

We are CHT, Smart Chemistry with Character. Together with ICM, ACC and QSi we are the most customer centric specialty silicones expert. We are committed to finding your individual solution.

CHALLENGE US NOW!

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