

SILICONE ADHESIVE SEALANTS SILICONE GREASES



Adhesives and Sealants															
FDA Tested (y/n)	UL Listed (y/n)	Product	Cure	Colour	Rheology	Viscosity Mixed mPas	Hardness Shore A	Cure Through to 3 mm Depth (hours)	Tack Free Time	Tensile Strength (N/mm ²)	Tear Resistance (N/mm)	Elongation at Break (%)	Min Working Temp (°C)	Max Working Temp (°C)	Thermal Conductivity (W/mK)
n	n	AS1402	1-Part Heat Cure Addition	Translucent	Paste		30			1.5	3.1	295	-50	200	0.2
n	n	AS1406	1-Part Heat Cure Addition	Grey	Viscous liquid		72			1		40	-60	250	3
n	n	AS1420	1-Part Heat Cure Addition	Grey	Flowable	43000	67			3.1		70	-50	260	1.38
n	y	AS1421	1-Part Heat Cure Addition	Grey	Paste	140000 - 240000	56			2.2		105	-50	210	2.1
n	n	AS1500	1-Part Acetoxy	White	Paste		39	7 hr	3 min	2.4	6.1	270	-50	300	0.2
y	n	AS1502	1-Part Acetoxy	Silver Grey	Paste		52	7 hr	4 min	3	6.0	205	-50	300	0.2
n	n	AS1504	1-Part Acetoxy	Red	Paste		35	7 hr	4 min	2.5	6.3	410	-50	300	0.2
n	n	AS1524	1-Part Acetoxy	White	Flowable	60000	24	14 hr	10 min	5	12.0	600	-50	250	0.2
n	n	AS1525	1-Part Acetoxy	Translucent	Flowable	60000	30	24 hr	7 min	1		190	-50	250	0.2
n	n	AS1603	1-Part Oxime	Translucent	Paste		33	12 hr	5 min	2.15	4.8	300	-50	220	0.2
n	n	AS1604	1-Part Oxime	Matt Black	Paste		50	<12 hr	3 min	2	7.0	250	-50	240	0.3
n	n	AS1620	1-Part Oxime	Translucent	Flowable	26000	25	<24 hr	14 min	2	3.3	400	-50	220	0.2
n	n	AS1621	1-Part Oxime	White	Flowable	24000	24	24 hr	19 min	2	3.3	410	-50	230	0.2
n	n	AS1622	1-Part Oxime	Black	Flowable	23500	24	24 hr	13 min	1.9	3.1	390	-50	275	0.2
n	n	AS1623	1-Part Oxime	Red	Flowable	6000	24	24 hr	19 min	1.2		180	-65	250	0.2
n	n	AS1700	1-Part Alkoxy	Translucent	Paste		30	36 hr	10 min	2.43	12.3	545	-50	200	0.2
n	n	AS1701	1-Part Alkoxy	Black	Paste		52	24 hr	3 min	2.35	19.1	200	-50	220	0.6
n	y	AS1706	1-Part Alkoxy	White	Paste		78	48 hr	8 min	2.49			-50	200	2.02
n	y	AS1707	1-Part Alkoxy	Grey	Paste		84	48 hr	10 min	1.82		11	-65	230	3.27
n	n	AS1723	1-Part Alkoxy	Translucent	Self Level	72000	28	24 hr	11 min	1		216	-50	200	0.2
n	y	AS1740	1-Part Alkoxy	Translucent	Self Level	40000	27	72 hr	18 min	1.8		400	-62	200	0.18
n	n	AS1745G	1-Part Alkoxy	Grey	Paste		35	72 hr	45 min	7.75	42.0	830	-62	316	0.2
n	n	AS1745T	1-Part Alkoxy	Translucent	Paste		35	72 hr	45 min	6.9	29.8	775	-62	200	0.2
n	n	AS1802	1-Part Acetone	Grey	Self Level	350000	67	8 hr	4 min	3.9		103	-50	220	2.3
n	y	AS1802 Black	1-Part Acetone	Black	Self Level	350000	67	8 hr	4 min	3.9		103	-50	220	2.3
n	y	AS1803	1-Part Acetone	White	Paste		65	8 hr		2.8		94	-50	220	1.55
n	y	AS1811	1-Part Acetone	White	Paste		61	18 hr	3 min				-50	200	1.81
n	n	AS1821	1-Part Acetone	Black	Flowable	20000	27	24 hr	10 min	0.85	3.0	200	-50	220	0.2
n	n	AS2500	2-Part Alkoxy	Black	Paste		39	1.5 hr	4 min	2.32	5.5	280	-65	250	0.2
n	n	AS5500 Black	1-Part Acetoxy	Black	Paste			18 hr	4 min	2.4	5.5	475	-50	180	0.2
n	n	AS5600 Trans	1-Part Oxime	Translucent	Paste		28	12 hr	7 min	1.12		530	-50	180	0.2
n	n	AS5700	1-Part Alkoxy	White	Paste		34	24 hr	15 min	2		580	-60	200	0.5
n	n	AS5702	1-Part Alkoxy	Translucent	Paste		24	24 hr	15 min	2.7		540	-60	200	0.2
y	n	Silcoset 151	1-Part Acetoxy	White	Self Level	210000	43	12 hr	10 min	2.93	6.2	180	-60	300	0.2
n	n	Silcoset 152	1-Part Acetoxy	White	Paste		40	7 hr	2 min	2.31	6.1	240	-60	300	0.2
n	y	Silcoset 153	1-Part Acetoxy	Translucent	Paste		39	7 hr	4 min	2.32	5.5	280	-60	250	0.2
n	n	Silcoset 158	1-Part Acetoxy	Black	Paste		38	7 hr	4 min	2.3	5.5	290	-60	300	0.2

Greases, Electronics Grade										
FDA Tested (y/n)	UL Listed (y/n)	Product	Cure	Colour	Rheology	Min Working Temp °C	Max Working Temp °C	Penetration, mm/10	Thermal Conductivity W/mK	Notes
n	n	SG500	1-Part Non Curing	White	Paste	-50	150		0.77	Thermally Conductive
n	n	SGM494	1-Part Non Curing	Translucent	Paste	-50	200	190-250	0.2	WRAS approved. MOD grade
n	n	SGM496	1-Part Non Curing	White or pink	Paste	-50	200	190-250	0.2	HV insulator grease

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