

# SEM-COM Recommended Glasses

Application	Glass Candidates						
Alumina Sealing	<b>SCV-2*</b>	<b>SCL-2</b>	<b>SCL-1</b>	SCQ-1			
Alumina (96%) Sealing	<b>SCV-2*</b>	<b>SCL-3*</b>	SCQ-3	SCQ-4			
Aluminum Nitride Sealing	SCQ-2						
Beryllia Sealing	<b>SCV-3*</b>	<b>SCV-2*</b>	<b>SCL-2</b>	<b>SCL-1</b>	SCQ-1		
Chemical Digestible	SCM-1000						
Copper Sealing	SCU-1						
Dumet Sealing (F-29)	<b>SCV-3*</b>	<b>SCC-1002**</b>	<b>SCL-1</b>	<b>SCL-2</b>	<b>SCL-3*</b>		
Dielectric	<b>SCV-3*</b>						
Electronic (Alkali-Free)	<b>SCL-1</b>	<b>SCL-2</b>	<b>SCL-3*</b>	SCE-6	SCM-2	SCM-6	
EMA Coating	SCS-7	SCS-8					
Ferrite Sealing	<b>SCV-3*</b>	SCM-1	SCN-1	SCS-11			
Fiber Coating	SCS-1						
Fiber Optic Cladding	<b>SCT-1</b>	SCS-3	SCS-4				
Fiber Optic Core	SCE-7	SCM-1001	SCM-1002	SCM-1003	SCM-1004	SCM-1006	
Fosterite Sealing	<b>SCV-3*</b>						
Glass Enamel	SCS-6						
High Expansion	<b>SCV-5*</b>	SCU-1	SCY-4				
Inconel Sealing	SCS-1	SCU-2					
Infrared Sealing	SCM-3						
Iron Sealing	SCS-1	SCU-2					
Kovar Sealing	<b>SCL-1</b>	<b>SCL-2</b>	<b>SCL-4</b>	SCQ-1	SCQ-3	SCQ-4	SCR-2
Micro Rods	SCD-1						
Moly Sealing	<b>SCE-10</b>	<b>SCE-506</b>	<b>SCC-1002**</b>	SCE-2	SCQ-1	SCR-2	SCY-3
Nickel-Iron Alloy Sealing (F-30)	<b>SCV-3*</b>	<b>SCV-2*</b>	SCQ-3				
Non-Browning	SCN-1						
Passivating Glass	SCQ-2	<b>SCE-10</b>					
Plasma Display (soda lime)	<b>SCV-2*</b>	<b>SCV-3*</b>	<b>SCV-4*</b>				
Platinum Sealing	<b>SCV-3*</b>	<b>SCV-4*</b>	SCM-1				
Quartz Sealing	SCY-1	SCY-2					
Resistor Glass	<b>SCL-5*</b>	<b>SCE-10</b>	SCE-503	SCE-504			
RF Sputtering Targets	<b>SCV-2*</b>						
Silicon Sealing	<b>SCE-10</b>	SCE-3	SCE-5	<b>SCE-506</b>	<b>SCL-5</b>	<b>SCE-10</b>	
Silicon Carbide Sealing	<b>SCL-4</b>	<b>SCL-5</b>	SCE-1	SCE-2	SCQ-1	SCR-2	SCY-3
Tantalum Sealing	<b>SCL-1</b>	<b>SCL-2</b>	<b>SCL-3</b>	SCQ-1	SCQ-3		
Titanium Sealing	<b>SCV-2*</b>	<b>SCV-3*</b>	SCM-1				
UV Absorbing	SCM-4	SCS-2					
Vacuum Seal Plug	<b>SCV-2*</b>	<b>SCV-3*</b>					
X-Ray Shielding	<b>SCV-2*</b>	<b>SCV-3*</b>	SCN-1000				
90 Exp Glass Sealing	<b>SCV-2*</b>	<b>SCV-3*</b>					
No. 4 & No. 426 Alloy (F-31)	<b>SCV-3*</b>				SCM-1		
No. 446 Alloy Sealing (F-257)	SCN-1						
No. 302 & No. 304 Stainless	<b>SCV-5*</b>						
No. 430 Stainless (F-256)	<b>SCV-3*</b>	SCM-1	SCN-1				

New Additions and/or Developmental Glasses

\* Can be used vitreous or crystallizing

\*\* Crystallizing