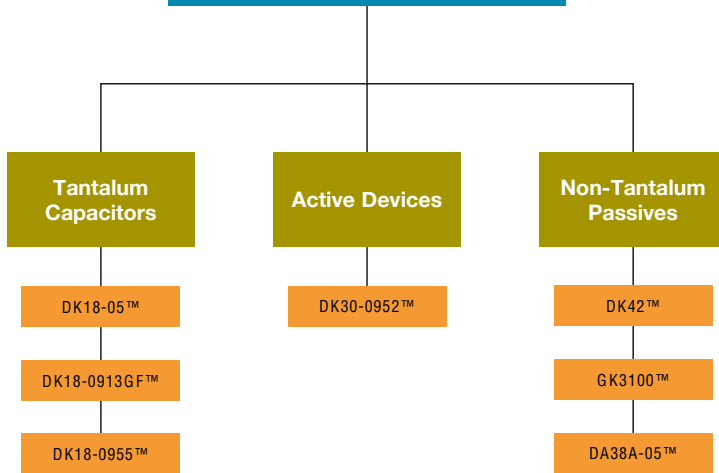


SEMICONDUCTOR MATERIALS



HYSOL® COATING POWDERS

Electronic Coating Powders



Hysol® Electronic Coating Powders enable the encapsulation of active and passive components that require reliable moisture protection and maximum performance. These materials are designed for dispensing through a full range of powder application equipment. Standard fluid bed machines, including small manual or large fully automated equipment, apply the powder with minimal dusting. In cascaded machines, Henkel's powders transport well and coat thoroughly. Our environmentally-friendly "green" coating powders offer the best-in-class performance without antimony or brominated flame retardants.

TANTALUM CAPACITORS

PRODUCT	DESCRIPTION	UL 94V-0	GLASS PLATE FLOW, mm	GEL TIME, 160°C	DIELECTRIC STRENGTH, V/mil	CURE SCHEDULE
DK18-05 Blue and Gold™	All capacitor types, thermistors, resistors.	Yes	35	25	1,100	60 min @110°C
DK18-0913™ *New Green	All capacitor types, thermistors, resistors.	Yes	38	25	1,000	60 min @110°C
DK18-0955 Blue™	All capacitor types, thermistors, resistors.	Yes	30	25	1,000	60 min @110°C

ACTIVE DEVICES

PRODUCT	DESCRIPTION	UL 94V-0	GLASS PLATE FLOW, mm	GEL TIME, 160°C	DIELECTRIC STRENGTH, V/mil	CURE SCHEDULE
DK30-0952™	Microelectronic grade powder for use on active components like transistors.	No	35	17	1,100	30 min @150°C

NON-TANTALUM PASSIVES

PRODUCT	DESCRIPTION	UL 94V-0	GLASS PLATE FLOW, mm	GEL TIME, 160°C	DIELECTRIC STRENGTH, V/mil	CURE SCHEDULE
DK42 Gold™	Passive components including all capacitor types.	Yes	35	35	1,400	30 min @150°C
GK3100 Gold™ *New Green	Passive components including all capacitor types.	Yes	35	18	1,000	30 min @150°C
DK38A-05™ *New Green	Passive components including all capacitor types.	Yes	35	18	1,200	30 min @150°C