

PROTAVIC® APPLICATION GUIDE LINE FOR THE ELECTRONIC INDUSTRY

APPLICATION		Conductive Adhesive	Insulating adhesive	Protective resins	Conductive inks	Varnish / Insulating coating	
SMART CARDS	Die attach	Chip onto micro-modules	PROTAVIC® ACE 10011	PROTAVIC® ATE 10130 PROTAVIC® ANE 30100			
	Die protection	Glob top / D & F			PROTAVIC® PNE 90292 PROTAVIC® PNE 90592 PROTAVIC® PNE 90397		
TANTALUM CAPACITORS	Die attach	TaC onto cathode	PROTAVIC® ACE 10131 PROTAVIC® ACE 10100			PROTAVIC® VCA 60347	
	End termination	SMT				PROTAVIC® BCE 30371 PROTAVIC® BCE 30375 M	
	Coating	Of TaC				PROTAVIC® BCE 60462 PROTAVIC® VNE 30010	
CERAMIC CAPACITORS (MLCC) - RESISTORS	End termination	SMT				PROTAVIC® BCE 30370 PROTAVIC® BCE 30374 PROTAVIC® BCE 30374 M	
SEMI-CONDUCTORS	Die attach		PROTAVIC® ACE 10600 A & B PROTAVIC® ACE 20610 A & B				
		Wafer Back Side Coating	PROTAVIC® BCE 20240	PROTAVIC® BNE 20210 PROTAVIC® BNE 20220			
		SOT	PROTAVIC® ACE 10609 A & B PROTAVIC® ACA 10490				
	Underfill	BGA / TQFP	PROTAVIC® ACH 20210 PROTAVIC® ACH 20121 PROTAVIC® ACH 20130	PROTAVIC® ANH 20110 PROTAVIC® ANH 20140 PROTAVIC® ANH 20141			
		No flow underfill		PROTAVIC® ANE 10700 PROTAVIC® ANE 10701 PROTAVIC® ANE 10702 PROTAVIC® ANE 10703			
		Capillary underfill		PROTAVIC® ANE 10931 / 2 / 3 PROTAVIC® ANE 20904 PROTAVIC® ANA 10199 R PROTAVIC® ANH 20150			
L.E.D.	Die attach	Die attach	PROTAVIC® ACE 20120 PROTAVIC® ACE 20203 PROTAVIC® ACE 30001 PROTAVIC® ACE 30210 PROTAVIC® ACE 30510 PROTAVIC® ACE 30512				
	Protection	Protection			PROTAVIC® PNS 20100		
POWER SUPPLY	Casting resins	Protection of transistors Protection of die Protection of circuit Protection of circuit Protection of circuit			PROTAVIC® ANE 50102 A & B PROTAVIC® PNE 20274 A & B UL PROTAVIC® PTS 46303 A & B PROTAVIC® PTS 46313 A & B PROTAVIC® PTS 46323 A & B PROTAVIC® PTU 46200 A & B		
STRUCTURAL ADHESIVE	Glass / metal	Window sealing		PROTAVIC® ANE 50202 A & B			
	Optical properties			PROTAVIC® ANE 40110 A & B PROTAVIC® ANE 50112 A & B PROTAVIC® ANO 90161			
		Glass sealing					
	Ceramic	Enamel / copper Ceramic / metal Ceramic / metal Strain gage Ceramic / ceramic	PROTAVIC® ACE 60611 A & B	PROTAVIC® ANE 57100 A & B PROTAVIC® ATE 20400 A & B PROTAVIC® ANE 10420 / ANE 10421 PROTAVIC® ATE 10601 A & B			
	Felt / Rubber	Cam shaft gasket		PROTAVIC® ANE 30424			
	Metal / Metal	Ferrite Stainless steel / Al Stencil adhesive Sealing of electrodes Sealing of connectors	PROTAVIC® ACE 10221	PROTAVIC® ANE 36142 A & B PROTAVIC® ANE 47922 A & B PROTAVIC® ANE 47927 A & B PROTAVIC® ANE 50203 A & B			
	Carbone / Al Metal / Plastic	Sealing of bars Sealant of relay		PROTAVIC® ANE (PNE) 40111 A & B PROTAVIC® ANA 90313			
SET TOP BOXES	Chip protection	Anti backing		PROTAVIC® ANE 44822 A & B PROTAVIC® ANE 40824 A & B PROTAVIC® ANE 40825 A & B			
INGOT BONDING (Silicon and solar cells)	Removable adhesive	Ingot saving		PROTAVIC® ANE 44807 MA & B PROTAVIC® ANE 50030 RA & B PROTAVIC® ANE 50040 RA & B PROTAVIC® ANE 50041 A & B			
MEMBRANES SWITCHES	Printed Circuits	Conductive tracks			PROTAVIC® VCO 60100 PROTAVIC® VCO 60130		
R.F.I.D.	Protection	Insulation				PROTAVIC® PNU 90250	