# Functional electronic coatings



Surface technologies for the electrical and electronic industries

Electronics Functional electronic coatings atotech.com



## Our broad solutions portfolio

### Lead frames





LEDs

Connectors







#### 3D MID

Cables, micro wave guides, sliding contacts, bus bars and more

Technology application	Process	Atotech solution
Lead Frames	Cleaners	Puronon and Electroglow
	Adhesion promotion	MoldPrep, AgPrep
	Epoxy bleed out	Anti-EBO T family
	Tin plating	Stannopure® and Niveostan® (matt and semi bright
	Nickel and NIP plating	+Ni Sulphamate HS and Novoplate HS
	PdNi plating	Pallacor HSN Plus
	Silver plating	Silvertech HS
	Post-treatment	SuperDip <sup>®</sup> , Protectostan <sup>®</sup>
LEDs	High GAM Ag plating	Silvertech LED family
	Copper plating	Cupracid LED
	copper plating	
Connectors	Protection	Argalin <sup>®</sup> family Puronon and Electroglow
Connectors	Protection	Argalin® family Puronon and Electroglow
Connectors	Protection Cleaners Nickel and NIP plating	Puronon and Electroglow Ni Sulphamate HS and Novoplate HS
Connectors	Protection	Puronon and Electroglow Ni Sulphamate HS and Novoplate HS Aurocor® HSC, HSN and HSF
Connectors	Protection Cleaners Nickel and NIP plating	Puronon and Electroglow Ni Sulphamate HS and Novoplate HS
Connectors	Protection Cleaners Nickel and NIP plating Hard Gold (Co, Ni or Fe alloyed)	Puronon and Electroglow Ni Sulphamate HS and Novoplate HS Aurocor® HSC, HSN and HSF Argalux® NC (non cyanide) Silvertech® HS (low cyanide)
Connectors	Protection Cleaners Nickel and NIP plating Hard Gold (Co, Ni or Fe alloyed) Ag plating	Puronon and Electroglow Ni Sulphamate HS and Novoplate HS Aurocor® HSC, HSN and HSF Argalux® NC (non cyanide) Silvertech® HS (low cyanide) Stannopure® and Niveostan® (matt and semi-brigh
Connectors	Protection Cleaners Nickel and NIP plating Hard Gold (Co, Ni or Fe alloyed) Ag plating Tin plating	Puronon and Electroglow Ni Sulphamate HS and Novoplate HS Aurocor® HSC, HSN and HSF Argalux® NC (non cyanide) Silvertech® HS (low cyanide) Stannopure® and Niveostan® (matt and semi-brigh Stannolume (bright)
Connectors	Protection Cleaners Nickel and NIP plating Hard Gold (Co, Ni or Fe alloyed) Ag plating Tin plating Rh/Ru plating	Puronon and Electroglow Ni Sulphamate HS and Novoplate HS Aurocor® HSC, HSN and HSF Argalux® NC (non cyanide) Silvertech® HS (low cyanide) Stannopure® and Niveostan® (matt and semi-brigh Stannolume (bright) Rhodilloy, Ruthentech and Rhodetech
	Protection  Cleaners  Nickel and NIP plating Hard Gold (Co, Ni or Fe alloyed)  Ag plating  Tin plating  Rh/Ru plating  Protection	Puronon and Electroglow Ni Sulphamate HS and Novoplate HS Aurocor® HSC, HSN and HSF Argalux® NC (non cyanide) Silvertech® HS (low cyanide) Stannopure® and Niveostan® (matt and semi-brigh Stannolume (bright) Rhodilloy, Ruthentech and Rhodetech Argalin® family, Betatec®, Protectostan®

3D MID

Cleaners	MID Cleaners
Activation	Cupralux INI, Cupralux 38
Ni Activation	MID Activator
E'less Nickel	MID Nickel MP
Immersion Gold	MID Gold
Protection	Betatec <sup>®</sup>

## End markets and industries we serve



Smartphone



Automotive electronics



Computing



Big data infrastructure



Consumer electronics



Communication infrastructure

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