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☆ 導電銀膠材料 / Conductive Paste

產品型號 (Product ID)	用途・特徵 (Application/Characteristics)	適合基材 (Substrate)
AF-100 NE-55A	軟板-觸控 回路形成・附着力佳・繞曲性優秀 FPC/Membrane- Touch Control Application, Excellent Adhesion and Flexibility	PET・Film 材
AF-100 TL-6	軟板-觸控・低溫固化型 (80°C×30分) FPC/Membrane- Touch Control, Low-Temp Curing Applications (80°C×30min)	PET・PC・PVC
AF-130 GPT-7A	觸控面板/TPS用 (標準品)・附着力優秀 Touch Panel/Screen Applications, Excellent Adhesion	PET・ITO/PET Glass
AF-130 CG-80	觸控面板/TPS用・低溫硬化可 (80°C×30分) Touch Panel/Screen Applications, Low Temperature Curing (80°C×30min)	PET・ITO/PET Glass
AF-130 LTP-6A	觸控面板/TPS用薄膜形成可 (≤ 5μm) 表面平滑 Touch Panel/Screen Applications with formation of Smooth Thin film(≤ 5μm)	PET・ITO/PET Glass

☆ 導電銀膠材料 / Conductive Paste

產品型號 (Product ID)	用途・特徵 (Application/Characteristics)	適合基材 (Substrate)
AF-150 SHC-1	RIFD 回路用・優導電性 ($\leq 10^{-5} \Omega\text{-cm}$) RIFD Application Excellent Electrical Conductivity ($\leq 10^{-5} \Omega\text{-cm}$)	PET・ITO/PET & Glass
AF-150 API-11	優導電性 ($\leq 10^{-5} \Omega\text{-cm}$)・密著・屈曲性優秀 Excellent Electrical Conductivity ($\leq 10^{-5} \Omega\text{-cm}$), Adhesion, and Flexibility	PET・ITO/PET ・PI (Cu Circuit)
AR-100	跳線用導電回路/Jumple 回路.阻抗體電極用(高硬度) Jumple Circuit and High Hardness, Electrical Impedance Applications	PCB・Glass・ Ceramic
AR-100 ATH-10	導電塞孔用/ 低黏度 (50-80 dPa-s) Conductive Hole Application Low Viscosity (50-80 dPa-s)	PCB

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☆ 碳膠材料（導電回路用・感壓型）

Conductive Carbon Paste

for Piezoelectric Sensing Application

產品型號 (Product ID)	用途・特徵 (Application/Characteristics)	適合基材 (Substrate)
GF-2060	回路形成(低阻抗) 附著性佳・繞曲性佳 Circuit Formation (Low Impedance) Excellent Adhesion and Flexibility	PET・PI・Film 材
GF-120 PR-10	感壓型導電接點用 (350 Ω ⇒ 50 Ω) Force sensitive module (350 Ω ⇒ 50 Ω)	PET・PI・Film 材
GF-120 PR-20	感壓型導電接點用 (5 KΩ ⇒ 500 Ω) Force sensitive module (5 kΩ ⇒ 500 Ω)	PET・PI・Film 材
GR-2025	KEY-Board 接點/ 導電性佳・耐熱性佳 Key-Board Sensing Application Excellent conductive and heat resistance	PCB・Glass・Organic Material・Ceramic

☆ 碳膠材料 (阻抗體用・電極用)

Conductive Carbon

(Printed Resistors & Electrodes)

產品型號 (Product ID)	用途 特徵 (Application/Characteristics)	適合基材 (Substrate)
GF-2□□□ F-6	可變阻抗體用, 繞曲佳 → R值變化穩定 Variable impedance Application, Excellent Flexibility along with Variance-Stabilizing Resistance.	PET, PI, PCB
GR-7□□□H R-□□-1	固定阻抗體用, 錫槽高溫阻抗體穩定 Fix impedance Application, Variance-stabilizing Resistance under Soldering Temperature	樹脂硬質板(PCB) 玻璃(Glass) 陶器(Ceramic)
AR-100	低阻抗電極用, 監牢, 耐久性佳 Low Resistance Electrodes Application, Excellent Reliability	樹脂硬質板(PCB) 玻璃(Glass) 陶器(Ceramic)

* □□□=代表面積阻抗 $200\Omega \sim 20K\Omega$ R□□-1 代表面積阻抗 $40\Omega \sim 200K\Omega \sim 1M\Omega$

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☆ 絕緣材料 (熱固化型)

Insulation Paste (Thermosets)

產品型號 (Product ID)	用途・特徵 (Application/Characteristics)	適合基材 (Substrate)
IF-310WC-4	導電回路用絕緣膜, 繞曲性佳, 跳線用保護層 Conducting Loop Application, Excellent Flexibility For Jumble circuit insulation paste	PET・ITO/PET Film 材
IR-300T FF-M□	無色透明膜、表面平滑 Colorless/Transparency, Smooth Surface	PET・ITO/PET ITO・Glass
IR-350T&□ MC-1	乳白色不透明膜、錫槽溫度處理可適合(耐熱) Milky White, Excellent Heat Resistance under soldering temperature	PET・ITO/PET ITO/・Glass・PI
IR-110 WK-1	白色光澤膜、高水滴接觸、血糖值 White, High Contact Angle for Blood Glucose Testing Application	PET・White PET
IR-370W EP-1	白色光澤膜、層間絕緣形成最適、血糖值 White color optimum interlayer insulation, Blood Glucose Test Application	PET・White PET

* □、色調代碼(T:透明、G:綠色、B:藍色)

☆ 絕緣材料 (UV固化型)

Insulation Paste

(For UV Curing Type)

產品型號 (Product ID)	用途・特徵 (Application/Characteristics)	適合基材 (Substrate)
UV-400□ FX-5	薄膜對應(5 μ m)、附著力・繞曲性佳 Thin Film (5 μ m)、 Excellent Adhesion and Flexibility	PET・ITO/PET ・ Film 材
UV-500 TC-1	無色透明膜、表面平滑性佳 High Transparency with Smooth Surface	PET・ITO/PET & 玻璃
UV-500 DM-7	高膜厚形成可、DAM 形成用(墊膠) High Thickness for DAM formation Application	PET・玻璃 (Glass)
UVR-220□S K-1	綠色塗膜、適合層間絕緣形成、血糖值用 Green color optimum interlayer insulation for blood Glucose Testing Application	PET・White PET

* □、色調代碼 (T:透明、G:綠色、B:藍色、C:黑色、W:白色、OR:橙色)

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☆ 特殊絕緣材料 / Special Insulation Paste

產品型號 (Product ID)	用途・特徵 (Application/Characteristics)	適合基材 (Substrate)
IR-600 SS-1	LED反射率高之白色絕緣材料, 在高溫, 不黃變 LED Application, High Reflectance, White Insulation Paste. Non-yellowing at High Temperature	金屬銅鎳 玻璃 陶瓷
IR-110 HD	表面硬度高, 感應靈敏度高, 密度高之產品 High Surface Hardness , Sensitivity and Density	PCB・ITO/玻璃 玻璃・陶瓷板
IR-100□ RTR-1 單液型/one component	金屬箔用絕緣材、Roll-to-Roll 塗布用、 Roll to Roll application	金屬箔 (Cu・Ni・ST合金)
IR-100□ RTR-2 兩液型/Two Component		

* □、色調代碼 (T:透明、G:綠色、B:藍色、C:黑色、W:白色)

☆ 電子零件/被動元件用(R體・C體)保護絕緣材料

Insulation Material for Electronic Parts

(For Resistance Parts and Capacitance Parts)

產品型號 (Product ID)	黏度 dPa.s	塗布法 (Process)	用途 特徵 (Application/Characteristics)	適合基材 (Substrate)
IR-500C TN-5VL	120-170	針筒 Syringe	切裁加工可 無龜裂 Cut-Resistance (No Crack)	金屬合金版 Metal Alloy
IR-500C TN SP	250-300	印刷 Screen Print	切裁加工可 無龜裂 Cut-Resistance (No Crack)	金屬合金版 Metal Alloy
IR-500C VH-1	550-650	印刷 Screen Print	切裁加工可 無龜裂 高膜厚 Cut-Resistance (No Crack) High Film Thickness	金屬合金版 Metal Alloy
IR-500C THL-15	200-300	印刷 Screen Print	含散熱材料 Heat Dissipation Material	金屬合金版 Metal Alloy

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☆ 電子零件/被動元件用(R體 C體)保護絕緣材料

Insulation Material for Electronic Parts (For Resistance Parts and Capacitance Parts)

產品型號 (Product ID)	黏度 dPa.s	塗佈法 (Process)	用途 特徵 (Application/Characteristics)	適合基 材 (Substrate)
IR-500B THR-7	100-150	浸漬 轉印 Dipping Transcription	藍色塗膜 耐濕度 MELF Application, Blue Color, Excellent HAST Performance	陶瓷板 Ceramic
IR-530 TH-5	300-400	印刷 Screen Print	含散熱材料、高Tg、高信賴性, Heat Dissipation, High Tg,Excellent Reliability	陶瓷板 Ceramic
IR-600 SS-1 HV	250-300	印刷 Screen Print	白色塗膜 耐熱 無變色 White, High Heat resistance, Non-Yellowing	陶瓷板 Ceramic

☆ 導電性機能商品 (黏著・發熱)

Conductive Paste | Functional Material

(Adhesion • Exothermic)

產品型號 (Product ID)	導電材 (Conductive Composition)	用途・特徵 (Application/Characteristics)	適合基材 (Substrate)
AF-130 DP-83	銀 Ag	LCD 組裝(導電接合)、針筒塗布 LCD/SMD Conductive Bonding Syringe→Precision Coating	PET& Glass/ITO
AF-130 TA-100	銀 Ag	導電性黏着劑(轉移)、PSA膠 Conductive Adhesive (Transcription) Pressure Sensitive Adhesive Paste	PET/ITO・Al film
ACH-50 RH-5	銀/炭素 Ag/C	發熱體(45-55°C/電壓 5V)、印刷 Heating Element (45-55°C/Voltage 5V) Screen Printing	PET・PU
ACH-65 RH-15	銀/炭素 Ag/C	發熱體(60-70°C/電壓 15V)、印刷 Heating Element (60-70°C/Voltage 15V) Screen Printing	PET・FR-4

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☆ 機能性商品 (TPU/PET)
Conductive Paste Functional Material
(Flexibility, Transparency, Low Temp Curing)

產品型號 (Product ID)	用途・特徴 (Application/Characteristics)	適合基材 (Substrate)
AF-150 TPU-15N	導電回路用、導電性、高伸縮性 Conductive Loop Application, Excellent Electrical Conductivity, Tremendous Flexibility.	TPU/PET
AC-2000 VL-1N	LED部品/導電接著用、導電性、高接著性 LED Components/Conductive Adhesion Applications, Excellent Electrical Conductivity, Adhesion.	TPU/PET
IF-300T A-80	低黏度、低温固化性、高透明性、 Low Viscosity, Low-Temperature Curing, High Transparency.	TPU/PET

☆ 室温乾燥型導電塗料

Room-Temperature Curing Conductive Paste

產品型號 (Product ID)	黏度 dPa-s (Viscosity)	用途・特徵 (Application/Characteristics)	適合基材 (Substrate)
AG-605 AT-1	80-100	低温固化 (60°C × 10分)、室温/24hrs Low-Temperature Curing (60°C×10min) Room-Temperature Curing(24hrs)	PET・PET/ITO
AG-25 RT-24H	80-100	室温 (24hr)、EMI用、經濟型 EMI Application Room-Temperature Curing (24hrs) LP Version	PET・PET/ITO
AG-25 RCM-3	70-100	柔軟筐體 (橡膠等)、室温 (24hr) Soft Rubber Applications Room-Temperature Curing (24hrs)	PET・PU・ 橡膠 (Rubber)

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☆ 導電接著材料 For Micro LED & Mini LED

Conductive/Adhesive Paste For Micro LED & Mini LED

產品型號 (Product ID)	型態 (# of Components)	塗布 (Coating)	使用方法 · 特徵 (Application/Characteristics)
RAA-204 & AG-3H	2液 Two Components	滴下 Point Drop	室溫固化(可使用時間/ 4hr)、 接著強度(≥ 35N) Room-Temperature Curing (Available Duration/4hr), Adhesion Strength (≥35N)
AC-2000 VL-1N	1液 One Component	印刷 Screen Print	中溫固化(120°C × 30分)、 接著強度(≥ 50N)、柔軟性 Moderate-Temp Curing (120°C × 30min) Adhesion Strength (≥50N) Tremendous Flexibility
HAA-1530A	1液 One Component	印刷 Screen Print	固化條件(180°C × 10分)、連續印刷性、 接著強度(≥ 50N) Curing Condition (180°C × 10min) Continuous Printing Availability Adhesion Strength (≥50N)
HAA-1530A-38	1液 One Component	針筒 Syringe	固化條件(150°C × 30分)、 接著強度(≥ 50N) Curing Condition (150°C × 30min) Adhesion Strength (≥50N)

☆ 零件接著/黏著材料/封裝材料

Component Adhesive Paste

產品型號 Product ID	型態 # of Components	塗布 Coating	用途 · 使用方法 · 特徵 (Application/Characteristics)
EA-25RT A & B	2液 Two Components	滴下 Point Drop	接著劑、室溫硬化(可使時間/ 4hr)、 接著強度(≥ 50N) Room-Temperature Curing, (Available Duration/4hr), Adhesion Strength (≥50N).
EA-150 HV-2	1液 One Component	滴下 Point Drop	接著劑、中溫硬化(100°C × 1hr)、 接著強度(≥ 50N) Moderate-Temp Curing (100°C × 1Hr), Adhesion Strength (≥50N).
EA-780 DS-4	1液 One Component	針筒 Syringe	Chip 零件接著劑、快速固化(120°C × 3分)、 接著強度(≥ 40N) Adhesive Paste for Chip Component Fast Curing (120°C × 3min), Adhesion Strength (≥40N)
EA-780 SP-3	1液 One Component	印刷 Screen Print	Chip 零件接著劑、快速固化(120°C × 3分)、 接著強度(≥ 40N) Adhesive Paste for Chip Component Fast Curing (120°C × 3min), Adhesion Strength (≥40N)

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☆ 零件接著/黏著材料/封裝材料

Component Adhesive/Under-Fill Material

產品型號 Product ID	型態 Components	塗布 Coating	用途 · 使用方法 · 特徵 Application/Characteristics
AH-150 PE-1	1液 One Component	印刷 Screen Print	黏著劑(PE系列)、工藝(80°C × 10分 + 150°C × 30分)、柔軟性佳 Adhesive Paste (PE Version), Curing Process (80°C × 10min + 150°C × 30min) Tremendous Flexibility
AH-150 EP-1	1液 One Component	印刷 Screen Print	黏著劑(EP系列)、工藝(80°C × 10分 + 150°C × 30分)、耐熱性佳。 Adhesive Paste (EP Version), Curing Process (80°C × 10min + 150°C × 30min) High Heat Tolerance
ACF-50 UF	1液 One Component	針筒 Syringe	封裝膠(Under-Fill)、低黏度、快速固化 (150°C × 2分)、T _g /110°C Under-Fill Application, Low Viscosity, Fast Curing Condition(150°C × 2min) T _g /110°C
ACF-200 OC	1液 One Component	針筒 Syringe	封裝膠(Over-Coat)、中黏度、快速固化 (150°C × 5分)、T _g /110°C Over-Coat Application, Moderate Viscosity, Fast Curing Condition(150°C × 5min) T _g /110°C

☆ 保護膜材料 / 可剝膠(膜狀剝離型)
Remover Paste (Membrane Ablation Version)

產品型號 (Product ID)	用途·特徵 (Application/Characteristics)	適合基材 (Substrate)
R-25C RT-8	室溫(8hr) & 低溫乾燥(50°C×20分)、耐鍍金性 Room Temperature (8hr) & Low-Temp Drying (50°C×20min), Available for Gold Sputtering	PET · PET/ITO · 玻璃 (Glass)
R-500B 8K-3A	PVC系列、泛用、經濟型 Standard PVC Type LP Version	PCB · 金屬 (Metal) · 玻璃(Glass)
R-500B CP-7	PVC系列、耐高溫(280°C×1分) PVC Type, High Heat Resistance (280°C×1min)	PCB · 金屬 (Metal) · 陶瓷 (Ceramic)
R-800 PE-5	非PVC系列、固化條件(120°C×30分)、 Non-PVC Type, Curing Condition (120°C×30min)	PET · PET/ITO

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☆ 保護膜材料/可剝膠 (膜狀剝離型)
Remover Paste (Membrane Ablation Version)

產品型號 (Product ID)	用途・特徵 (Application/Characteristics)	適合基材 (Substrate)
R-800 LC-80	非PVC系列、低溫固化型(80°C×30分)、 Non-PVC Type, Low-Temp Curing Condition (80°C×30min)	PET・PC・PET/ITO
R-600B AM-1	UV固化、照射條件(1000 mJ/cm ²)、耐鍍金 UV Curing, Intensity (1000mJ/cm ²) Available for Sputtering	PET・PET/ITO
R-600B UV-5	UV固化、照射條件(1000 mJ/cm ²)、 UV Curing, Intensity (1000mJ/cm ²)	PET・PET/IT・玻璃 (Glass)
R-600B UVP	UV固化、照射條件(500 mJ/cm ²)、膜拉伸性佳 UV Curing, Intensity (500mJ/cm ²) Excellent Flexibility	PET・紙 (Paper)

☆ 保護膜材料 (膨潤剝離型)

Remover Paste

(Membrane Dissolution Version)

產品型號 (Product ID)	除去液 Remover	用途・特徴 (Application/Characteristics)	適合基材 (Substrate)
R-200 AS	NaOH (Alkaline)	PCB + PI / 熱壓著用、熱壓安定 PCB + PI/ Heat Pressing Application	PI (Cu Circuit) ・ PCB
R-200 AA-1	NaOH (Alkaline)	高溫處理安定 (180°C×30分) High Temperature Curing Stability (180°C×30min)	PI ・ PCB ・ 金屬板 (Metal Alloy)
RW-912WF-1	水 Water	耐濺鍍性、印刷精度高 Available For Sputtering High Precision Screen Printing	玻璃 陶瓷 ITO Glass Ceramic
RW-915 BF & WF	水 Water	耐濺鍍性、耐熱性佳 Available For Sputtering Heat Resistance	玻璃 陶瓷 ITO Glass Ceramic
UV-1500 ER	NaOH (Alkaline)	UV固化型、耐酸性(回路形成用) UV Curing Type, Acid Resistance (Loop Application)	PET/ITO ・ PCB

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