

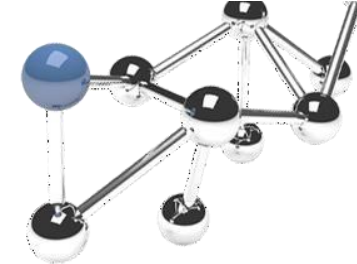


# YUJIN CHEMICAL Product Introduction

R&D Center

# Product List

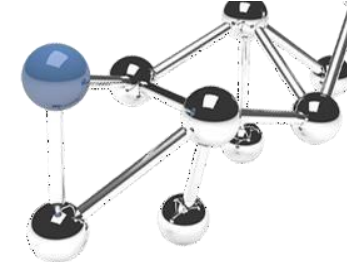
## UV Type



Product	Color	Viscosity (cps, 25°C)	T.I	Curing condition	Hardness	Key features	Application
YU-UL1785	Clear	15,000	2.3	LED 365nm, 5,500 ~ 6,000mJ/cm <sup>2</sup>	65A	Good wetting	IR Filter Attach
YU-UL1854	Light yellow	15,000	1.7	LED 385nm, 5,500 ~ 6,000mJ/cm <sup>2</sup>	85A	Good adhesion	Holder Hole Fill (PC)
YU-UL1879	Cloudy	7,000	5	LED 385nm, 3,000mJ/cm <sup>2</sup>	30D	High thixotropic	Flange Bonding
YU-UL2018	Cloudy	14,000	4	LED 385nm, 3,000mJ/cm <sup>2</sup>	41D	High reactivity	Flange Bonding (LCP-Metal, LCP-PC)
YU-UL1908	Cloudy	48,000	3	LED 365nm, 4,000 ~ 6,000mJ/cm <sup>2</sup>	65D	Good hardness Fast curing	Sealing

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## UV Type

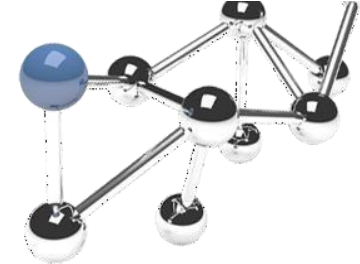


Product	Color	Viscosity (cps, 25°C)	T.I	Curing condition	Hardness	Key features	Application
YU-UL2211C	Clear Blue	2,000	2.0	LED 365nm, 2,000mJ/cm <sup>2</sup> + 7,000mJ/cm <sup>2</sup>	Pencil Hardness H	Good adhesion UV Hypercuring Separation	Glass chip fixing Blade cutting
YU-UL2303S	Clear Blue	24,000	5.1	Metal Halide Lamp 5000 mW/cm <sup>2</sup>	60A	Good adhesion light change	For quartz fixing For wafer processing
YU-UL2322	Cloudy/ Yellowish	16,000	3.1	UVA intensity 1,000 mW/cm <sup>2</sup> [7s] <b>For Aluminum</b>	45A	UV cure Depth 5mm↑	CIPG Gasket Sealing
YU-UL2410	Cloudy	10,000	1	LED 365nm, 3,000mJ/cm <sup>2</sup>	80D	Jetting Chemical resistance	For fixing the battery separator
YU-UL2423	Clear	11,000	1	UVA intensity 500 mW/cm <sup>2</sup> (Main Wavelength : 365nm [6s])	70A	High refractive Low Yellow Index	Microscope Lens Adhesive
YU-UL2434	Clear	3,000	1	UVA intensity: 1,000 mW/cm <sup>2</sup> [4s] <b>For wire</b>	30A	Flexible Low moisture permeation	LED light wire waterproof

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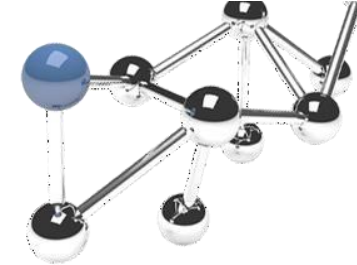
## UV Type



Product	Color	Viscosity (cps, 25°C)	T.I	Curing condition	Hardness	Key features	Application
YU-UL2491	Cloudy	1,125	1.67	LED 365nm, 3,000mJ/cm <sup>2</sup>	40D	Low viscosity	Electrolyte rust prevention

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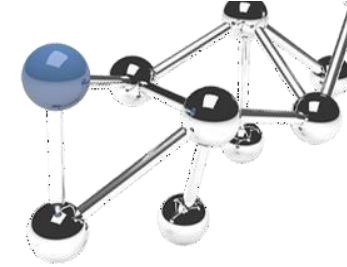
## Thermal Type



Product	Color	Viscosity (cps, 25°C)	T.I	Curing condition	Hardness	Key features
YU-ET1903	Black	7,500	3.0	80°C 30min	82D	Good hardness
YU-ET1930	Black	11,000	3.7	80°C 30min	65D	Good adhesion to glass surface
YU-ET2104J	Black	7,500 (DV3T)	4.6	80°C 30min	65D	Promote adhesion property for variety substrates
YU-ET2238	Cloudy	1,000	1	100°C 30min	81D	Low viscosity
YU-ET2281	Black	3,000	2.5	80°C 30min Curing time with Hotplate 100°C 150sec	60D	Good usability
YU-ET2281A	Black	13,000	4.5	80°C 30min Curing time with Hotplate 100°C 150sec	60D	Good adhesion to PC
YU-ET2281B	Black	3,600	2	80°C 30min	65D	Good slip
YU-ET2301	Black	3,000	2.3	80°C 30min	65D	High thixotropic
YU-ET2302LP	Milky	1,000 (DV3T)	2	Curing time with Hotplate 170°C 3min	5A	Low viscosity

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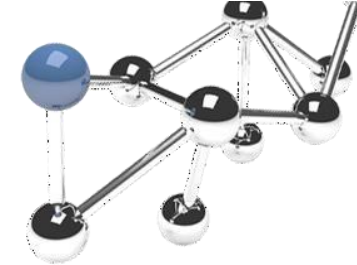
## Thermal Type



Product	Color	Viscosity (cps, 25°C)	T.I	Curing condition	Hardness	Key features
YU-ET2408L	Milky	1,000	1.5	Curing time with hotplate 120°C 5min	60D	Low viscosity
YU-ET2430	Black	10,000	4	80°C 30min	65D	Good cure response
YU-ET2431	Black	7,000	1.7	80°C 30min	70D	Low temp. rapid curing good impact, vibration resistance
<b>NEW</b> YU-ET2432	White Grey	20,000	1.7	80°C 30min	70D	Fast fixture Time Adhesive (100°C 2min)
YU-ET2442	White	6,000	1.0	120°C 60min /150°C 30min	75D	High adhesion
YU-ET2444L	Grey	50,000	1.75	120°C 60min /150°C 30min	75D	Structural 1K epoxy Excellent Adhesion to metal
YU-ET2444M	Grey	120,000	1.75	120°C 60min /150°C 30min	75D	Structural 1K epoxy Excellent Adhesion to metal
YU-ET2444H	Grey	170,000	2.5	120°C 60min /150°C 30min	75D	Structural 1K epoxy Excellent Adhesion to metal

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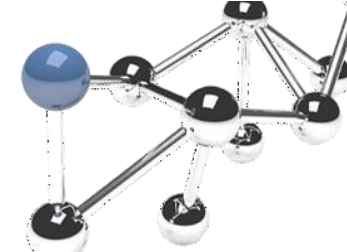
## Thermal Type



Product	Color	Viscosity (cps, 25°C)	T.I	Curing condition	Hardness	Key features
<b>NEW</b> YU-ET2444N	Grey	120,000	1.0	120°C 60min /150°C 30min	80D	Structural 1K epoxy Excellent Adhesion to metal
YU-ET2448	White	8,500	2.5	120°C 60min /150°C 30min	80D	Potting Adhesive
YU-ET2461	Light Yellow	2,500	1.0	130/150/180°C each 1hr	75D	Low Viscosity Potting Good Thermal, Electrical Resistance

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## Dual Type

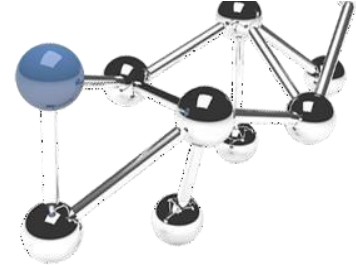


Product	Color	Viscosity (cps, 25°C)	T.I	Curing condition	Hardness	Key features
YU-UETL1820	Clear	12,000	4.0	LED 365nm, >3,000mJ/cm <sup>2</sup>  80°C 60min	91D	Low viscosity Good hardness
YU-UETL1823P	Black	60,000	5.5	UVA intensity: 55 – 60mW/cm <sup>2</sup> [10S]  80°C 40min 90°C 30min 100°C 20min	52D	High thixotropic
YU-UETL1906	Clear	155,000	3.8	LED 365nm, >3,000mJ/cm <sup>2</sup>  100°C 50min	80D	High Tg Good adhesion
YU-UETL2303	Cloudy	70,000	7.5	LED 365nm, >3,000mJ/cm <sup>2</sup>  100°C 50min	75D	High Tg Good adhesion
YU-UETL2309C	Cloudy	12,000	3	LED 365nm, >3,000mJ/cm <sup>2</sup>  100°C 50min	75D	Low viscosity Good slip
NEW YU-UETL2410	Cloudy	55,000	6	LED 365nm, 5,000mJ/cm <sup>2</sup>	80D	Hardened to UV only



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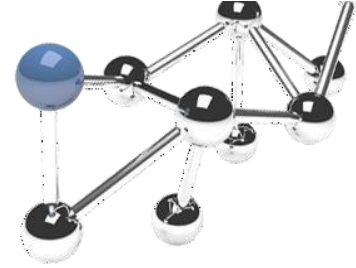
## Ag Paste Type



Product	Color	Viscosity (cps, 25°C)	T.I	Curing condition	Key features
YU-AT1803	Silver	7,000	3.3	80°C 60min	Good leveling
YU-AT2241	Silver	>5,500 (DV3T)	1.0	120°C 60min	Good conductivity
YU-AT2245	Silver	>5,500 (DV3T)	4.8	200°C 90min	Good scratch resistance

# Product List

## Thermal Grease Type



Product	Color	Viscosity (cps, 25°C)	T.I	Curing condition	Key features
YU-AT2318	White	20,000	1.8	100°C 45min	Good conductivity
YU-AT2328	Black	40,000	2	100°C 30min	Good conductivity



THANK YOU

