

Pressure Sensitive Adhesive "Rikidyne"

1. Solvent Type Acrylic PSA

【Permanent Type】

	Solvent	Non-Volatile (%)	Viscosity (mPa·S)	SUS/Peel Strength (N/25mm)	Ball Tack (χ/32)	Holding Power (mm/24h)	Thickness (μm/dry)	Features
AR-807	Ethyl Acetate, Toluene	40.0	3,800	9.8	9	0.5>	15	Well balanced
AR-2037	Ethyl Acetate, Toluene	38.0	2,500	13.2	3	0.5>	25	Weatherability
AR-2040	Ethyl Acetate, Toluene	40.0	2,300	14.7	12	0.5>	15	Good adhesion at low temperatures
AR-2120EA	Ethyl Acetate, Toluene	35.0	7,000	9.8	3	0.5>	15	Weatherability
AR-2412	Ethyl Acetate	48.0	4,500	14.5	6	0.5>	15	Toluene free, Strong adhesion
AR-2422	Ethyl Acetate	38.0	2,300	13.3	9	0.5>	15	Toluene free, Transparent type
AR-2460	Ethyl Acetate, n-Hexane	50.0	4,000	10.0	10	1.5>	25	Toluene free, Good adhesion at low temperatures

【Removable Type】

	Solvent	Non-Volatile (%)	Viscosity (mPa·S)	SUS/Peel Strength (N/25mm)	Ball Tack (χ/32)	Holding Power (mm/24h)	Thickness (μm/dry)	Features
AR-858	Ethyl acetate, Toluene	40.0	12,000	5.5	9	0.5>	25	Medium adhesion, Soft peeling without zipping
AR-2006	Ethyl acetate, Toluene	40.0	8,000	7.8	16	0.5>	25	High adhesion, Protective film tape for display etc.
AR-2032L	Ethyl acetate, Toluene	35.0	3,000	9.5	5	0.5>	25	Strong adhesion, PVC wall covering applications etc.
AR-2136	Ethyl acetate, Toluene	40.0	4,500	4.0	7	0.5>	25	Low adhesion, Soft peeling without zipping
AR-2195	Ethyl acetate, Toluene	40.0	5,500	8.3	7	0.5>	15	High adhesion, Carrier tape applications etc.
X-1612 (prototype)	Ethyl acetate, Toluene	35.0	2,400	2.3	5	0.5>	25	Slight adhesion, Carrier tape applications etc.

【For Plaster】

	Solvent	Non-Volatile (%)	Viscosity (mPa·S)	SUS/Peel Strength (N/25mm)	Ball Tack (χ/32)	Holding Power (mm/24h)	Thickness (μm/dry)	Features
AR-2317	Ethyl acetate, Toluene	44.0	4,500	10.5	6	0.5>	25	Moisture permeable type, Standard grade
AR-2404	Ethyl acetate, Toluene	44.0	4,600	12.3	12	0.5>	25	Moisture permeable type, Adhesive plasters
AR-2045	Ethyl acetate, Toluene	45.0	10,000	10.8	9	0.5>	25	Strong tack, Fits well on the skin
AR-2442 (prototype)	Ethyl acetate, Toluene	47.0	4,500	16.0	20	0.5>	25	High moisture permeable type
X-1554 (prototype)	Toluene	65.0	6,500	12.6	3	0.5>	25	Rubber based type

【For Screen Printing】

	Solvent	Non-Volatile (%)	Viscosity (mPa·S)	SUS/Peel Strength (N/25mm)	Ball Tack (χ/32)	Holding Power (mm/24h)	Thickness (μm/dry)	Features
AR-2426	PMA, Butyl cellosolve Butyl cellosolve acetate	56.0	9,500	17.8	17.2	0.5>	15	Standard grade
AR-2430	PMA, Butyl cellosolve Butyl cellosolve acetate	56.0	9,000	14.6	16.5	0.5>	15	Transparent type
AR-2441	Butyl cellosolve acetate	58.0	6,000	32.3	33.8	0.5>	15	Strong adhesion
AR-2441M-5	Butyl cellosolve acetate	58.0	6,000	30.0	22.3	0.5>	15	Improved repellent resistance of AR-2441

【Functional PSA】

	Solvent	Non-Volatile (%)	Viscosity (mPa·S)	SUS/Peel Strength (N/25mm)	Ball Tack (χ/32)	Holding Power (mm/24h)	Thickness (μm/dry)	Features
AR-858	Ethyl acetate, Toluene	40.0	12,000	5.5	9	0.5>	25	Medium adhesion, Acid-free
AR-2423	Ethyl Acetate	33.0	2,500	9.2	9	0.5>	25	Thermal stability, Plasticizer resistance
AR-2433	Ethyl Acetate	45.0	7,000	10.5	<2	0.5>	25	Strong adhesion, Acid-free
AR-2451	Ethyl acetate, Toluene	42.0	2,000	17.0	<2	0.3	25	Thermal activity



VIGteQnos Co., Ltd.

Head Office /Factory 166-17 Shiroyamadai, Gose City, NARA, JAPAN 639-2261
TEL: +81-745-66-2300 FAX: +81-745-66-2309

Tokyo Branch 4F, 1-4-1 Uchikanda, TOKYO, JAPAN 101-0047

TEL: +81-3-3295-8235 FAX: +81-3-3295-9659

Osaka Branch 6F, 1-8-2 Bakuromachi, Chuou-Ku, OSAKA, JAPAN 541-0059

TEL: +81-6-6266-5582 FAX: +81-6-6266-5185

2. Rubber PSA

	Solvent	Non-Volatile (%)	Viscosity (mPa·S)	SUS/Peel Strength (N/25mm)	Ball Tack (χ/32)	Holding Power (mm/24h)	Thickness (μm/dry)	Features
GR-1101	Toluene	21.0	15,000	4.8	<=2	fall off 200min.	5	Good holding power
GR-1025M-1	Toluene	53.0	14,000	17.6	7	4<	30	Well balanced
GR-1045M-1	Toluene	56.0	4,000	21.0	16	fall off 54min.	50	Strong tack
GR-1134	Toluene	60.0	10,000	23.5	<2	0.3	30	Strong adhesion
GRN-13B	Toluene, n-Hexane IPA	40.0	20,000	47.1	16	fall off 102min.	95	Good adhesion to rough surfaces
GR-1160	Toluene	50.0	5,000	12.2	<=2	0.5>	25	Low tack, Good holding power
X-1554 (prototype)	Toluene	65.0	6,500	12.6	3	0.5>	25	Fits well on the skin

3. Emulsion Type Acrylic PSA

	Solvent	Non-Volatile (%)	Viscosity (mPa·S)	SUS/Peel Strength (N/25mm)	Ball Tack (χ/32)	Holding Power (mm/24h)	Thickness (μm/dry)	Features
AW-2527	-	54.0	2,500	9.2	7	0.1>	25	Well balanced
AW-2603	-	53.8	12,000	7.3	20	0.1>	25	Strong tack
X-1256	-	59.5	4,500	22.5	11	0.1>	25	Strong adhesion, Good adhesion at low temperatures

4. Isocyanate crosslinker "Sanpasta"

	Solvent	Non-Volatile (%)	Viscosity (mPa·S)	NCO (%)	-	-	-	Features
L-55E	Ethyl Acetate	55.0	20	9.7				Well balanced
HD-739D	Ethyl Acetate	28.0	300	4.0				AR-739M combination type

5. Measurement Condition

Compliant with JIS Z 0237

Peel Strength : Attach a 25mm width sample to the adherend (2kg rubber roller/ 300mm/min. speed once for each direction) After leaving for 30min. under the condition of 23°C × 50% RH, peeling by 180° peeling at a speed of 300mm/min., and measure peeling strength.

Ball Tack : J. Dow Method

Holding Power : Attach a 25mm x 25mm sample to the adherend (2kg rubber roller/ 300mm/min. speed once for each direction), After leaving for 30min. Under the condition of 40°C, and then apply a load of 1kg for 1hour, and measure the shifted length.

* The physical property values described in this document are actual measurements measured by us, not guaranteed values.

Please consider and confirm whether the product is suitable for the intended use before use.

6. Caution

【Handling Precautions】

* Avoid high temperature and direct sunlight, and store in a cool and dark place.

【Safety and Hygiene Precautions】

* Be careful of fire when using adhesives that contain flammable organic solvents.

* Inhalation of organic solvent may cause poisoning, so use it in a place with ventilation equipment (local exhaust, general ventilation).

If ventilation is not sufficient, wear a gas mask for organic gas.

* When handling, wear protective equipment (protective glasses / gloves) to prevent it from adhering to the skin or mucous membranes. If it adheres, immediately wash it thoroughly with soapy water, a neutral detergent, and running water. In case of accidental contact with eyes, rinse immediately with clean running water for at least 15 minutes and then consult a doctor * Keep out of the reach of children.

* Please read the Safety Data Sheet (SDS) before use. Please request SDS to the sales department in charge.

230703



VIGteQnos Co., Ltd.

Head Office / Factory 166-17 Shiroyamadai, Gose City, NARA, JAPAN 639-2261
TEL: +81-745-66-2300 FAX: +81-745-66-2309

Tokyo Branch 4F, 1-4-1 Uchikanda, TOKYO, JAPAN 101-0047
TEL: +81-3-3295-8235 FAX: +81-3-3295-9659

Osaka Branch 6F, 1-8-2 Bakuromachi, Chuou-Ku, OSAKA, JAPAN 541-0059
TEL: +81-6-6266-5582 FAX: +81-6-6266-5185