

SPECIAL INDUSTRY SERIES CYANOACRYLATE

EVOBOND Special Industry Series cyanoacrylate is especially formulated for industry applications, including high performance, surface insensitive, and rubber toughness CA grades.



SURFACE INSENSITIVE SERIES

It is of quick setting velocity and medium viscosity that bonds acidic and porous substrates even under low humidity condition; it can be applied on wood, leather, rubber, cardboard, woven fabric and PVC materials.

Grade	Chemical Type	Viscosity (CPS)	Gap Fill (mm)	Setting Velocity (Sec.)	Shelf life (Month)	Tensile-Shear Strength (kgf/cm ²)
E401	ETHYL	100	0.10	10	8	100~160
E424	ETHYL	100	0.10	10	8	100~160
E406	ETHYL	20	0.05	10	8	100~160
E454	ETHYL	Thixo Gel	1	20	8	120~220

*Temperature Range: -55~82°C

BLACK RUBBER TOUGHNESS SERIES

It is of black color, medium setting velocity and flexible for high temperature and impact resistance.

Grade	Chemical Type	Viscosity (CPS)	Gap Fill (mm)	Setting Velocity (Sec.)	Shelf life (Month)	Tensile-Shear Strength (kgf/cm ²)
E480	ETHYL	300	0.15	20-30	6	150~220
E380	ETHYL	450	0.15	20-30	6	150~220
E4101	ETHYL	1500	0.20	30-40	6	150~220
E4102	ETHYL	2500	0.30	30-40	6	150~220
E410	ETHYL	3300	0.30	30-40	6	150~220
E426	ETHYL	GEL	1	40-50	6	150~220
E4261	METHOXY-ETHYL	GEL	1	50-60	6	100~180

*Temperature Range: -55~105°C

CLEAR RUBBER TOUGHNESS SERIES

It is of clear color, medium setting velocity and flexible for high temperature and impact resistance.

Grade	Chemical Type	Viscosity (CPS)	Gap Fill (mm)	Setting Velocity (Sec.)	Shelf life (Month)	Tensile-Shear Strength (kgf/cm ²)
E407	ETHYL	50	0.06	20-30	8	150~220
E498	ETHYL	450	0.15	20-30	8	150~220
E411	ETHYL	6000	0.40	30-40	8	150~220

*Temperature Range: -55~105°C

METAL ADHESION SERIES

Grade	Chemical Type	Viscosity (CPS)	Gap Fill (mm)	Setting Velocity (Sec.)	Shelf life (Month)	Tensile-Shear Strength (kgf/cm ²)
E493	METHYL	1~2	0.04	10-20	6	150~250
E430	METHYL	80	0.08	10-20	6	150~250
E496	METHYL	120	0.10	10-20	6	150~250
E415	METHYL	1500	0.20	10-20	6	150~250

*Temperature Range: -55~82°C

LOW ODOR LOW BLOOMING SERIES

Grade	Chemical Type	Viscosity (CPS)	Gap Fill (mm)	Setting Velocity (Sec.)	Shelf life (Month)	Tensile-Shear Strength (kgf/cm ²)
E408	METHOXY-ETHYL	5-7	0.04	20-30	6	100~150
E460	METHOXY-ETHYL	50	0.06	20-30	6	100~150
E403	METHOXY-ETHYL	1500	0.20	20-30	6	100~150
E455	METHOXY-ETHYL	GEL	1	40-50	6	120~160

*Temperature Range: -55~72°C

HIGH PERFORMANCE SERIES

Grade	Chemical Type	Viscosity (CPS)	Gap Fill (mm)	Setting Velocity (Sec.)	Shelf life (Month)	Tensile-Shear Strength (kgf/cm ²)
E420	ETHYL	2-3	0.04	10	12	120~200
E495	ETHYL	50	0.06	20	12	120~200
E431	ETHYL	1000	0.20	20	10	120~220
E416	ETHYL	1500	0.20	20	10	120~220
E422	ETHYL	2500	0.25	15-30	10	120~220
E409	ETHYL	GEL	1	30	12	120~220

*Temperature Range: -55~82°C

TEMPERARY ADHESION SERIES

Grade	Chemical Type	Viscosity (CPS)	Gap Fill (mm)	Setting Velocity (Sec.)	Shelf life (Month)	Tensile-Shear Strength (kgf/cm ²)
E412	ETHYL	2-3	0.04	15-30	10	30~40
E417	ETHYL	2-3	0.04	15-30	10	30~40

*Temperature Range: -55~72°C

HIGH TEMPERATURE RESISTANCE SERIES

Grade	Chemical Type	Viscosity (CPS)	Gap Fill (mm)	Setting Velocity (Sec.)	Shelf life (Month)	Tensile-Shear Strength (kgf/cm ²)
E4201	ETHYL	20	0.05	30-40	6	150~220
E4210	ETHYL	800	0.20	30-40	6	150~220
E4212	ETHYL	GEL	1	30-40	6	150~220
E499	ETHYL	GEL	1	30-40	6	150~220

E4201, E499: Clear color; E4210, E4212: Black color

*Temperature Range: -55~110°C