

CYANOACRYLATE ADHESIVE

CYANOACRYLATE ADHESIVE

HIGH PERFORMANCE SERIES CYANOACRYLATE

EVOBOND High Performance Series Cyanoacrylate Adhesive is instant bonding single component adhesive that bonds almost all close-fitting smooth surfaces in seconds. It requires no mixing, no heating, and no clamping. Containing no solvent, the adhesive is mild in odor, low toxic and low flammable. Different types of viscosities are available for different applications. Low viscosity product features good penetration for fitting smooth surfaces, while high viscosity product provides outstanding adhesion for porous surfaces. THIXOTROPIC GEL is especially for vertical and porous surface application, which will not migrate and can be cured better with EVOBOND ACTIVATOR.

F SERIES-FAST SETTING VELOCITY & MEDIUM STRENGTH

Applications Woodwork, plastic, rubber and especially for acidic woods.

Grade	Chemical Type	Viscosity (CPS)	Gap Fill (mm)	Setting Velocity (Sec.)	Shelf life (Month)	Tensile-Shear Strength (kgf/cm ²)
W-20	ETHYL	2-3	0.04	5	6	100~160
FV-50	ETHYL	50	0.06	15	6	100~160
FV-100	ETHYL	100	0.10	15	6	100~160
FV-300	ETHYL	300	0.15	15	6	100~160
FV-1500	ETHYL	1500	0.20	15	6	100~160
F-GEL	ETHYL	GEL	1	20	6	120~220

*Temperature Range: -55~82° C

M SERIES-MEDIUM SETTING VELOCITY & HIGH STRENGTH

Applications Metal, plastic, rubber, especially for metal.

Grade	Chemical Type	Viscosity (CPS)	Gap Fill (mm)	Setting Velocity (Sec.)	Shelf life (Month)	Tensile-Shear Strength (kgf/cm ²)
W-50	ETHYL	2-3	0.04	10	12	120~200
V-50	ETHYL	50	0.06	20	12	120~200
V-100	ETHYL	100	0.10	20	12	120~200
V-300	ETHYL	300	0.15	20	12	120~200
HV-10	ETHYL	1000	0.20	30	10	120~200
HV-15	ETHYL	1500	0.20	30	10	120~220
GEL	ETHYL	GEL	1	30	12	120~220
W-70	ETHYL	2-3	0.04	15	14	120~200
V-50AL	ETHYL	50	0.06	20	14	120~200
K-2	ETHYL	2-3	0.04	15	10	120~200

V-50AL: It is formulated specially for aluminum tube and general purposes for consumer market.

K-2: It is Ethyl-based, low blooming cyanoacrylate adhesive.

*Temperature Range: -55~82° C

*All shelf life test is under 20g HDPE bottle, 22° C, 50%RH

SURFACE INSENSITIVE SERIES CYANOACRYLATE

S-series is of ultra-fast setting velocity cyanoacrylate that bonds acidic, insensitive surfaces and porous substrates even under low humidity condition. It is broadly applied on wood, leather, cardboard and plasticized PVC materials.



Grade	Chemical Type	Viscosity (CPS)	Gap Fill (mm)	Setting Velocity (Sec.)	Shelf life (Month)	Tensile-Shear Strength (kgf/cm ²)
S-2	ETHYL	2-3	0.04	0-5	4	100~140
S-20	ETHYL	20	0.05	0-10	4	100~140
S-100	ETHYL	100	0.10	0-10	4	100~140
S-300	ETHYL	300	0.15	0-10	4	100~140
S-1500	ETHYL	1500	0.20	0-15	4	100~140

*Temperature Range: -55~82° C

RUBBER TOUGHNESS SERIES CYANOACRYLATE



T-series is in black color and medium setting velocity that has outstanding resistance to impact, vibration, humidity and high temperature.

CT-series is in clear color and medium setting velocity that has excellent resistance to impact, vibration, humidity, and high temperature.

Grade	Chemical Type	Viscosity (CPS)	Gap Fill (mm)	Setting Velocity (Sec.)	Shelf life (Month)	Tensile-Shear Strength (kgf/cm ²)
T-1	ETHYL	300	0.15	20-30	6	150~220
T-2	ETHYL	1500	0.20	30-40	6	150~220
T-3	ETHYL	2500	0.30	30-40	6	150~220
T-4	ETHYL	3300	0.30	30-40	6	150~220
CT-1	ETHYL	300	0.15	20-30	6	150~220
CT-2	ETHYL	1500	0.20	30-40	6	150~220
CT-4	ETHYL	3300	0.30	30-40	6	150~220

*Temperature Range: -55~105° C