



APOLLO CYANOACRYLATES

The Power of Adhesive Information

Cyberbond Apollo Cyanoacrylates, also known as “super glues,” are one component, solvent free, very fast setting adhesives. Cyanoacrylates polymerize within seconds due to the presence of a weak base, such as surface moisture, and will bond well to a wide range of substrates. Cyberbond is continuously developing its cyanoacrylates to guarantee the best results for our industrial users. The Apollo products are not only being designed for better adhesion in different applications, but for extensions in shelf life as well.

We have a world-class team of sales, service, and technical professionals to assist you with making the right adhesive choice. Let us show you the **APOLLO ADVANTAGE**.



Cyberbond’s **Apollo** line of cyanoacrylates is comprised of multiple ester bases. Many different formulas exist within these chemistries, each containing special bonding characteristics.

The Apollo ethyl based line of adhesives includes both standard and specialty grades, covering a wide spectrum of bonding applications involving various plastic, metal and rubber substrates. The specialty formulas within this line can be found through our Xtra-flex, Rubber Bonding, and H-Series products.

- ◆ The **X-tra-Flex Series** of rubber toughened cyanoacrylates provides excellent strength and flexibility, along with high resistance to impact and temperature.
- ◆ The **Rubber Bonding Series** is specifically formulated to perform well on all types of applications bonding rubber and thermoplastic elastomers.
- ◆ The **H-Series** formula is a further developed and heavily improved cyanoacrylate using Cyberbond’s innovative “Neomer Technology.” A specially developed additive

allows the H-Series to neutralize surface acidity and enlarge surface tension—increasing curing speeds and creating stronger bonds on highly acidic substrates.

Offering even further adhesive solutions, the Apollo ethoxyethyl-based line of products are designed for industrial users who want a low-odor and low-blooming adhesive. These products are extremely user friendly.

With Apollo cyanoacrylates you will find the **Power of Adhesive Information**.

Apollo Assembly Aids

Blast

Accelerators, pre-applied or post-applied during assembly, used to increase the cure rates and gap filling capabilities.

Boost

Primers used as a pre-applied surface treatment to increase bond strengths on difficult to bond substrates.

Undo

Adhesive remover designed to allow quick and effective removal of cyanoacrylates from unwanted areas.



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STANDARD FORMULAS	ESTER BASE	GENERAL DESCRIPTION	VISCOSITY	COLOR	SET TIME* METAL-RUBBER-PLASTIC	STRENGTH	TEMPERATURE RANGE
						STEEL:STEEL TENSILE SHEAR	
2000	Ethyl	Ultra Fast Wicking Grade	2	Clear	5 - 2 - 3	3200	-65° to 200° F
2002	Ethyl	General Purpose Wicking Grade	3	Clear	8 - 3 - 4	3200	-65° to 200° F
2003	Ethyl	General Purpose	50	Clear	20 - 5 - 7	3200	-65° to 200° F
2004	Ethyl	General Purpose	7	Clear	5 - 3 - 2	3200	-65° to 200° F
2010	Ethyl	Plastic Bonder	100	Clear	20 - 5 - 7	3200	-65° to 200° F
2025	Ethyl	General Purpose	250	Clear	12 - 7 - 8	3200	-65° to 200° F
2075	Ethyl	General Purpose	800	Clear	20 - 10 - 8	3200	-65° to 200° F
2150	Ethyl	General Purpose	1500	Clear	20 - 10 - 15	3400	-65° to 200° F
2400	Ethyl	General Purpose	4000	Clear	48 - 13 - 18	3200	-65° to 200° F
2999	Ethyl	General Purpose	Gel	Clear	50 - 15 - 25	3500	-65° to 200° F
2999B	Ethyl	Black Gel	Gel	Black	50 - 15 - 25	3500	-65° to 200° F
XTRA-FLEX SERIES							
2240-05	Ethyl	Flexible	500	Clear	35 - 15 - 10	3400	-65° to 240° F
2241-05	Ethyl	Black Flexible	500	Black	35 - 15 - 10	3400	-65° to 240° F
2240	Ethyl	Flexible	2400	Clear	55 - 30 - 30	3700	-65° to 280° F
2241	Ethyl	Black Flexible	2400	Black	55 - 30 - 30	3700	-65° to 280° F
RUBBER BONDING SERIES							
2006	Ethyl	Rubber Bonder	100	Clear	5 - 2 - 2	3200	-65° to 200° F
2008	Ethyl	Rubber Bonder	15	Clear	5 - 2 - 3	3200	-65° to 200° F
2014	Ethyl	Rubber Bonder	40	Clear	16 - 6 - 4	3200	-65° to 200° F
2028	Ethyl	Rubber Bonder	180	Clear	12 - 5 - 8	3200	-65° to 200° F
2077	Ethyl	Rubber Bonder	800	Clear	25 - 10 - 10	3200	-65° to 200° F
H-SERIES							
H1	Neomer Ethyl	Surface Insensitive	3	Clear	5 - 2 - 3	3200	-65° to 200° F
H2	Neomer Ethyl	Surface Insensitive	30	Clear	6 - 4 - 3	3200	-65° to 200° F
H3	Neomer Ethyl	Surface Insensitive	60	Clear	7 - 5 - 4	3200	-65° to 200° F
H4	Neomer Ethyl	Surface Insensitive	100	Clear	15 - 5 - 7	3200	-65° to 200° F
H7	Neomer Ethyl	Surface Insensitive	700	Clear	15 - 10 - 10	3200	-65° to 200° F
SPECIALTY CYANOACRYLATES							
5005	Ethoxyethyl	Low Bloom, Low Odor	5	Clear	15 - 5 - 10	2600	-65° to 180° F
5008	Ethoxyethyl	Low Bloom, Low Odor	80	Clear	40 - 10 - 15	2600	-65° to 180° F
5100	Ethoxyethyl	Low Bloom, Low Odor	1000	Clear	60 - 20 - 20	2600	-65° to 180° F
Z-396	Ethyl	Surface Insensitive. Formulated for metal where oil is present on surfaces.	125	Clear	20 - 15 - 15	2600	-65° to 185° F
Z-574	Ethyl	Specially Formulated for TPO Bonding	125	Clear	15 - 10 - 10	2600	-65° to 185° F

* Set Time is Approximate. Results will vary with temperature, climate, and relative humidity.