



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.

Ask us about your application:
Contact us at AdhesiveSolutions@Cyberbond1.com

Find out more online:
Go to www.Cyberbond1.com



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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.

**For Technical Assistance:
please call 630.761.8900**
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