

Instant Adhesives (IA Series)



IA Series Typical Properties Chart

Product	Color ²	Work Temp.	Viscosity	Gap Fill	Tensile Strength ³	Setting Time ¹		Activator ⁴
						Partial	Total	
				mm	Kgf/cm ²	Sec.	Hrs.	
IA01	Colorless	-22 to 176°F -30 to 80°C	Low	0.05	150 to 300	1 to 20	24	ST01
IA04	Colorless	-22 to 176°F -30 to 80°C	Medium	0.10	150 to 300	1 to 20	24	ST01
IA06	Colorless	-22 to 176°F -30 to 80°C	High	0.15	150 to 300	1 to 20	24	ST01

1. The setting time is strongly influenced by substrate, room temperature and presence of activators. Above data regards to substrate carbon steel flushed in temperature of 22°C without use of activators. The Set Time Test for cyanoacrylate products are conducted using NBR rubber test specimens.
2. These products can slightly yellow depending on product storage conditions and age. This is not expected to compromise effectiveness in application as long as the shelf life printed on the bottle has not been exceeded.
3. ASTM D1002, cured 24 hours @ 22°C flushed steel plaques.
4. Activators (ST01) may be required to enhance cure for PP, PE, POM, PA and stainless steel.
5. Refer to MSDS for additional information.

Fast, safe bonding: Based on cyanoacrylate technology, Parker's IA Series is made up of single component adhesives available with a low, medium and high viscosity. All three types have fast setting time, offer high tensile strength and do not require pre-mixing. These general purpose adhesives are used in various applications and bond to a variety of substrates such as metals, rubbers, ceramics, leather, wood and most plastics. They take only a few seconds to bond and are highly resistant to disassembly. IA Series Adhesives are easy to use and need only be placed on one surface to allow for almost immediate handling of bonded parts. Cure occurs at room temperature and in most instances does not require any further activator or heat to bond. These adhesives are extremely easy to apply and can be used in manual, semiautomatic or automatic applications.

Product Features:

- Solvent free
- Cures at room temperature
- Resistant to major chemicals
- Temperature range of -22 to 176°F (-30 to 80°C)
- Easy to use
- Bonds in only a few seconds and can be handled immediately
- Economic
- Not recommended for vibration