

Retainer Compounds Anaerobic Adhesives (RC Series)



RC Series Typical Properties Chart

Parker Part Number	Color	Working Temperature	Activator Used	Gap Fill	Viscosity	Setting Time ²		Torque ¹		Torque
						Partial	Total	Breakaway	Prevail ³	
						mm	mPas.m	Min.	Hrs.	
RC81	Green	-58 to 392°F -50 to 200°C	ST02	0.12	100 to 150	3 to 20	24	30 to 70	18 to 40	High
RC83	Green	-58 to 302°F -50 to 150°C	ST02	0.25	500 to 800	3 to 20	24	30 to 70	18 to 40	High
RC84	Green	-58 to 302°F -50 to 150°C	ST02	0.22	1800 to 2400	3 to 20	24	30 to 70	18 to 40	High

1. Setting time: 24 hours @ 72°F (22°C), test body: M10 black oxidized screw, test according to ISO 10964.

2. The setting time is strongly influenced by substrate, room temperature and presence of activators. Above data regard to substrate carbon steel flushed in temperature of 72°F (22°C) without use of activators.

3. Refer to MSDS for additional information.

Lock, Seal and Retain Non-Threaded Surfaces: Parker RC Series Anaerobic Retainer Compounds are liquid resins that cure (in the absence of air) when placed in contact with metallic or non-threaded parts with small gaps. Overflow is not likely to contaminate or obstruct the application, and can be easily wiped away (as long as it is exposed to air) by using oils or polar solvents.

The RC series retainer compounds are recommended for sliding assemblies or interference fit parts. They allow for larger tolerances and can be a substitute for precision machining, resistant to water, fuel, gases, oils, and other chemical products. These adhesives have very high strength and help prevent leakage and loosening of parts caused by vibration.

Product Features:

- Solvent free
- Cures at room temperature
- Resistant to major chemicals
- Wide temperature range
- Easy to use
- Can be handled immediately
- Cost efficient