



# TITAN ANAEROBICS

## The Power of Adhesive Information

**Titan Anaerobic Adhesives and Sealants** were developed to maximize efficiency and minimize the need for machinery maintenance in your facility. Curing in the absence of oxygen, the Titan products are a solvent free, one component system designed to deliver permanent metal-to-metal bonds that are resistant to shock and vibration. Cyberbond has an extensive platform of chemistries and viscosities to expand the range of bonding applications. Let us show you the **TITAN ADVANTAGE**.

### Titan Product Highlights

- ◆ A broad product range designed to meet the needs of most Threadlocking, Threadsealing, Retaining, and Gasketing applications
- ◆ Unique chemistries that usually eliminate the need for priming inactive metals
- ◆ Solid technical and manufacturing resources to ensure consistent results that are cost effective.



### Threadlocking

Vibration often causes the self loosening of threads; however, our Titan products provide a simple solution to this problem. By filling the void in the threads, bolts are locked in place and a corrosion stopping seal is created. When choosing a product, consideration should be made to the various strength classes available, together with the metal material and thread size.

### Threadsealing

Besides sealing fine threads, the Titan series of Threadsealants can also seal pipe fittings due to their ability to withstand most chemicals. These sealants provide a complete seal between the threads, and offer many advantages over traditional methods of sealing, such as Teflon tape or hemp.

### Retaining

Titan retaining compounds durably and reliably retain threads, shafts and bearings. The following advantages come from using these Titan products:

- ◆ Small gaps can be bridged, allowing for less costly part designs
- ◆ Friction corrosion is avoided
- ◆ Allows assembly of parts with differing elongation figures

### Gasketing

Used to fill voids between metal flanges, our Titan gasket makers help to eliminate pre-cut or compression gaskets. These products are designed to provide an instant low-pressure seal for corrosion resistance and maximum metal-to-metal clamping with no shimming effect or creeping.



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THREADLOCKING COMPOUNDS	COLOR	GENERAL DESCRIPTION	VISCOSITY	GAP FILL	SET SPEED	TORQUE RANGE*:	
						BREAKAWAY PREVAILING	TEMPERATURE RANGE
7222	Purple	Low strength threadlocker	800-1200	.006"	10 - 20 min	25 - 70 Breakaway 10 - 50 Prevaling	-60° to 150° C (-76° to 302° F)
7242	Blue	Medium strength threadlocker	800-1200	.006"	10 - 20 min	100 - 150 Breakaway 70 - 130 Prevaling	-60° to 150° C (-76° to 302° F)
8242	Blue	NSF Medium Strength threadlocker	800-1200	.006"	10 - 20 min	100 - 150 Breakaway 70 - 130 Prevaling	-60° to 150° C (-76° to 302° F)
7243	Blue	Medium strength threadlocker	1200-2500	.006"	10 - 20 min	130 - 150 Breakaway 100 - 125 Prevaling	-60° to 150° C (-76° to 302° F)
7490**	Blue	Medium to high strength, low viscosity threadlocker	10-15	.003"	10 - 20 min	40 - 150 Breakaway 150 - 330 Prevaling	-60° to 150° C (-76° to 302° F)
7271	Red	High strength, medium viscosity threadlocker	400-600	.005"	10 - 20 min	175 - 300 Breakaway 200 - 350 Prevaling	-60° to 150° C (-76° to 302° F)
7262	Red	High strength, high viscosity threadlocker	1200-2000	.010"	10 - 20 min	150 - 250 Breakaway 150 - 300 Prevaling	-60° to 150° C (-76° to 302° F)
7277	Red	High strength, very high viscosity threadlocker	6000-8000	0.15"	10 - 20 min	200 - 300 Breakaway 170 - 300 Prevaling	-60° to 204° C (-76° to 400° F)
7290	Green	High strength wicking grade threadlocker	5-30	.002"	10 - 20 min	30 - 150 Breakaway 150 - 300 Prevaling	-60° to 150° C (-76° to 302° F)
RETAINING COMPOUNDS						SHEAR STRENGTH* STEEL/STEEL	
7609	Green	High strength, low viscosity retaining compound	100-150	.003"	15 - 20 min	3500 psi	-60° to 150° C (-76° to 302° F)
7640	Green	High strength, medium viscosity retaining compound	400-700	.006"	15 - 20 min	3500 psi	-60° to 150° C (-76° to 302° F)
7680	Green	NSF High strength, high viscosity retaining compound	1200-1700	.010"	15 - 20 min	4000 psi	-60° to 150° C (-76° to 302° F)
7620	Green	High strength, very high viscosity retaining compound	7000-10,000	.015"	15 - 20 min	4000 psi	-60° to 150° C (-76° to 302° F)
7660	Grey	Retaining compound for press fit repair	Thixotropic	.02"	30 - 45 min	3500 psi	-60° to 150° C (-76° to 302° F)
GASKETING & SEALING COMPOUNDS						PRESSURE RESITANCE*	
7515	Red	Gasketing material	Thixotropic	0.50"	15 - 20 min	1100-3100 psi	-60° to 150° C (-76° to 302° F)
7518	Red	Gasketing material	Thixotropic	0.25"	15 - 20 min	1000 - 3000 psi	-60° to 150° C (-76° to 302° F)
7565	White	Low Strength Pipe Sealant	Thixotropic	0.025"	30 - 45 min	2000 - 3000 psi	-60° to 150° C (-76° to 302° F)
7567	White	NSF Pipe Sealant	Thixotropic	.025"	30 - 60 min	up to 10,000 psi	-55° to 204° C (-65° to 400° F)
7569	Brown	Hydraulic and Pneumatic Sealant	200-500	.004"	15 - 30 min	1200 - 1500 psi	-50° to 150° C (-58° to 302° F)

\* Varies with substrates

\*\* Contains flourescent tracer dye for ease of detection