

COMPARISON CHART

* Please Note: This information is for comparative purposes ONLY – products are not identical.
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BRAND	THREADLOCKERS				RETAINING COMPOUNDS			
EMS FORCE	TL22	TL43	TL63	TL90	RT01	RT20	RT38	RT41
LOCTITE*	222	243	263	290	601	620	638	641
CYBERBOND*	TM11	TM44	TM66	RL65	RL67	RH98	RH99	-
CHEMTOOLS*	8222	8243	8263	8290	8609	8620	-	8641
PERMATEX*	24024	24027/24300	-	29040	-	-	-	-
LOXEAL*	24-18	55-03	-	70-14	82-21	86-86	85-21	53-11

BRAND	SEALANTS						GASKET MAKERS			ADHESIVES	
EMS FORCE	5542	5543	5567	5577	HP-42	HP-69	GM10	GM18	GM74	SI-4011	PR-4066
LOCTITE*	-	243	567	577	542	569	510	518	574	401	406
CYBERBOND*	-	-	SH22	SH27	SM40	SM40	SH55	SH58	-	2610	2008
CHEMTOOLS*	-	-	8567	8577	8542	-	8510	8518	8574	8401	8406
PERMATEX*	-	-	-	-	-	-	-	51813	-	21309	-
LOXEAL*	85-86	55-03	-	58-11	53-14	-	59-10	58-31	58-14	435	32/41



SELECTION CHART – THREADLOCKERS

Anaerobic adhesives to lock studs, nuts, screws and any threaded fasteners. To prevent loosening caused by vibration, mechanical and thermal shocks and prevent thread seizure and galling.

THREADLOCKERS				
PART NUMBER	TL22	TL43	TL63	TL90
USAGE	Locking of low strength metals. Especially for very easy to remove connections such as adjusting screws	General Purpose nutlock. Tolerant to oils on surfaces. Non dripping formula. Easy to remove	High strength, locks and seals metal fasteners up to 1in. Hard to remove	Medium to high strength, low viscosity. Locks and seals threaded fasteners and close fittings. Great ability for filling small gaps
MATERIAL	Metals: Steel, Stainless Steel, Aluminium, Copper, Brass, Chrome & Zinc Coated Metals			
VISCOSITY	Medium	Medium	Low-Medium	Low
TEMP RANGE (C)	-50 to 150	-50 to 150	-50 to 180	-50 to 150
FUNCTIONAL CURING TIME	1-3hrs	3hrs	1-3hrs	3hrs
FULL CURING TIME	8hrs	8hrs	8hrs	8hrs
BREAK TORQUE (Nm)	4-5	15-17	25-30	20-30