

Product Application Guide

APPLICATION	GRADE	FUNCTIONS & BENEFITS	PROPERTIES	APPLICATION	GRADE	FUNCTIONS & BENEFITS	PROPERTIES
	222 Purple	Low strenght locking of screws and adjustment screws with long thread engaged. Adjustment after curing possible. Stops vibration and shock loosening.	Mild strength. Good thread lubrication. Aids torque/tension relationship. 75 in-lbs. breakaway* torqueunseated.		592 White	 Instant seal on tapered pipe threads. Seals pipe threads without fouling the system. Adjustable up to 12+ hrs. after application. 	High chemical resistance. 100% solid seal when fully cured. Seals to pipe burest pressure 10,000 + p.s.i.
	242 Blue	Locks and seals nuts, bolts, and cap screws up to Grade 2 (Class 4.6) strenght. Strengthens keyed, splined assemblies. Stops vibration and shock loosening	Medium strength. Good thread lubrication. Aids torque/tension relationship 150 in-lbs. breakaway* torqueunseated.		601 Green	Eliminates press fits of bearings, bushes, oil seals, sleeves and other cylindrical parts. Stops fretting corrosion. Permits relaxing of machining tolerances.	SUPER-FAST cure. Retains parts with clearances of up to 0.005" (0.127 mm) High strength up to 3,000 p.s.i. shear.
	262 Red	Locks and seals high grade nuts, bolts, and cap screws up to Grade 5 (Class 8.9) and above. Locks and seals studs under 3/4" (19 mm). Stops vibration and shock loosening.	High strenght. Lubricates threads. Aids torque/tension relationship. 200 in-lbs. breakaway* torqueunseated.		635 Green	Eliminates or strengthens press-fit or close tolerance machining of gears, bushes, rotors and pulleys. Permits assembly of "slip" to "loose" fitting parts restores to 100% structural reliability. eliminates re-machining of bushings when "press" fit assembly required.	Extra-high strength, up to 4,000 p.s.i. shear. High impact resistance. Retains parts with up to 0.010" (0.254 mm) clearance.
	271 Red	Locks and seals all grades of studs under 3/4" (19 mm). Strengthens or eliminates interference fits on threads. Stops vibration and shock loosening.	Hight strenght. 250 in-ibs. breakaway* torqueunseated. Good gap filling ability.		640 Green	 High temperature (400°F/204°C) assembly of gears, bushes, pulleys and rotors. Excellent chemical and solvent resistance at high temperatures. 	Good high temperature resistance. High strength up to 3,000 p.s.i. shear.
	277 Red	Locks and seals all grades of studs above 3/4" (19 mm). Replaces soft gaskets. Prevents loss of bolt tension. Resists flange shifting.	High strength. Fills gaps up to 0.020" (0.508 mm). 300 in-ibs. breakaway* torqueunseated.		319 mber	Bonding hard, rigid, non-porous close-fitting parts with single component, room temperature curing adhesive. Bonding metals, glass, plastics and ceramics together or in any combination.	Fast curing. Excellent tensile and tensile-shear properties. Rapid cures through gaps of 0.015". Bonds up to 5,000 p.s.i. tensile and 2,600 p.s.i. tensile-shear.
	290 Green	For pre-assembled nuts, bolts and screws. Provides medium strength, locking and sealing. Seals weld porosities. Strengthens and seals "press" and "knurled" fits.	Wicking grade. Medium strength. Low viscosity. 100 inlbs. breakaway* torqueunseated.		415 Clear	General purpose bonding function. High impact resistant bonding of metals, glass, plastics and ceramics.	Super-fast cure. Excellent gap filling properties Single component room temperature cure adhesive.
	504 Orange	Replaces pre-cut, pre-formed gaskets. Fills gaps up to 0.030" (0.963 mm). Provides instant seal on mating surfaces to 50 p.s.i. Stops gasket "compression set" no loose bolts or leaky joints. Re-torque after "run-in" unnecessary.	Fills gaps up to 0.030" (0.763 mm). Instant seal on joints up to 50 p.s.i. Fully cured seals to 5,000 p.s.i.		317 Amber	Super-strength bonding of irregular or porous surface parts. Highest impact resistance in the super-bonder line.	Fast curing and high impact resistance. Excellent tensile and tensile-shear properties. Bonds up to 6,000 p.s.i. tensile and 3,500 p.s.i. tensile-shear.
	515 Red	Replaces soft or fibrous gaskets. Stops leakage where shock and vibration produces flange movement. Stops loss of bolt tension. Seals against most common industrial fluids and gases.	Fills gaps up to 0.010" High viscosity. Instant low pressure seal Fully cured seals to 1900 p.s.i. tensile strength.		495 Clear	 Fast setting high strength bonding of most metals, plastics and rubbers. Excellent bonds on rubbers and plastics, or in combination with metals. 	Fast setting fixtures in seconds. Low viscosity. 4,000 + p.s.i. tensile strength bonds developed.
	554 Red	Seals refrigerant and strong chemical systems threaded joints. Free of valve-blocking elements. Seals up to pipe burst pressure.	High strength. Medium viscosity. Maximum solvent resistance. 10,000 + p.s.i. sealing developed.		496 Clear	General Purpose Adhesive for metals, plastics, ceramics and rubbers. Excellent metal to metal bonds developed. Conomical – no heat cures or time-consuming clamps needed.	Fixture strength reached in seconds. Medium/fast cure rate. 5,000 + p.s.i. tensile strength bonds on steel to steel.
	39 Brown	Seads and locks all hydraulic and pneumatic fittings. Solves fitting and line-up problems on hydraulic and pneumatic systems. Contains no particles to foul valves.	Low strength. Low viscosity. 10,000 + p.s.i. sealing developed.			relat mea	kaway is an indication of ive material strength only, sured on 3/8-16 (M-10) bolts. the added force needed to

relative material strength only, measured on 3/8-16 (M-10) bolts. It is the added force needed to break loose a tightened fastener.