

Press Release

Seven adhesives for failsafe assemblies

The new KENT Anaerobic Adhesive Range

Duisburg, March 2017. If you look for failsafe thread assemblies and fittings, KENT got seven answers. The new anaerobic adhesives offer maximum performance. They provide fixed connections without primer – even with tricky metals like stainless steel or aluminium. The seven products cover any purpose you can think of. An important benefit of the thread lockers is their increased oil tolerance: They can be applied on surfaces, which are not completely clean, e.g. showing traces of lubricants. This saves precious working hours. All products have a high chemical resistance to most industrial liquids. They are ecologically safe and NSF registered for use in food-processing environment.

KENT Nutlock is a multi-purpose adhesive of medium strength. It locks and seals threaded fasteners up to 1-1/4" (M36) and can be disassembled with hand tools. Being highly resistant to vibrations, it is ideal for engines, pumps or gear boxes where it prevents loosening and leakage. Like all KENT anaerobic adhesives, it cures in the absence of air between fitting metal parts. The temperature resistance goes up to +180°C.

KENT Studlock is the heavy-duty thread locker designed for permanent locking and sealing up to 1-1/4" (M36). It stands vibrations, shocks and high temperatures up to +200°C. Typical applications are studs into engine housings or nuts onto studs in pump cases. Studlock is so powerful that it requires +260°C heat for removal.

KENT Powerlock is more than a thread locker. It was developed especially for the retention of parts with a clearance or interference fit. The high-end compound copes with dynamic, axial and radial loads.



With excellent gap-filling properties up to 0.25 mm in fitting metal parts, Powerlock is perfect for repair-ing even badly worn shafts or housings. The temperature resistance is up to +180°C.

KENT Prelock penetrates threads by capillary action. It is made for pre-assembled threaded fasteners up to 1/2" (M12) and ideal for the preventive maintenance of existing assemblies. Applications include adjustment screws, instrumentation screws, electrical connectors, and set screws. Prelock also seals porous spots in welds and metal components. It is heat resistant up to +180°C.

KENT Pipe Seal is a medium-strength thread sealant for metal pipes and fittings. It forms an instant low pressure seal up to 5 bar, after complete curing up to 350 bar. In addition, it prevents vibrating pipe connections from loosening and leak-age. Performance is excellent with straight and tapered metal threads up to 3" (R3). Pipe Seal enables fast applications at low temperatures, e.g. outdoor plant maintenance.

KENT All-in-One is the highly versatile premium compound. It covers a wide range of applications which normally require special anaerobic adhesives. You can retain parts with a clearance or interference fit, lock threaded fasteners, seal flanges and fittings and fill gaps up to 0.30 mm. All-in-One is also suitable for repairing worn parts without re-machining, e.g. seats, keys, bearings or ta-pers. The adhesive resists temperatures up to +180°C.

KENT Anaerobic Activator is a smart time-saver as it accelerates the cure of all anaerobic adhesives. The activator can also be used to speed up cure in large bond gaps and deep threads or on cold parts. Being solvent-based, Anaerobic Activator shows good cleaning properties as well.

All adhesives available in 50 ml concertina bottle,
Anaerobic Activator as 200 ml aerosol.