

ANAEROBIC ADHESIVES

Anaerobic adhesives cures in the absence of air and in the presence of metal. They are used for a variety of Engineering applications such as **THREAD LOCKING, BEARING RETAINING PIPE SEALING & LIQUID GASKETING**

THREAD LOCKER

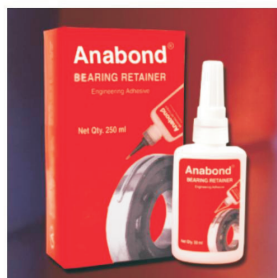
SALIENT FEATURES :

- Eliminates conventional locking systems such as star washers, spring washers & nylok nuts efficiently.
- Prevents loosening of nuts even under severe vibration & impact loads.
- Protects from seizure of fasteners.
- Disassembly is possible without damaging the threads.

APPLICATIONS : Used for locking bolts & nuts, studs, screws of various shape & sizes. It is also used to seal threads to prevent leak & corrosion.



BEARING RETAINER



SALIENT FEATURES :

- Eliminates interference fit & transition fit joints.
- Allows uniform load distribution.
- Dampens vibration, shock & impact loads.
- Eliminate fretting corrosion & seizure.
- Clearance fit joints possible upto 0.5mm.

APPLICATIONS : Retain cylindrical parts such as bearings, bushes, splines, shafts, gears, cup plugs etc.

PIPE SEALING

SALIENT FEATURES :

- Eliminates the usage of PTFE Tapes.
- Provides 100% leak proof in threaded joints.
- Withstands pressure up to 400kg / cm².
- Excellent resistant to fuels, oils & most chemicals.

APPLICATIONS : Seals high pressure hydraulic and pneumatic joints.



LIQUID GASKET



SALIENT FEATURES :

- Safer & Superior to conventional gaskets.
- Resistant to fuels, oils & most chemicals.
- Formed gasket does not creep, shrink or relax.
- Can be formed in various shapes & size instantly.

APPLICATIONS : Fills surface irregularities & provide leak proof joints. Suitable for machined surfaces up to 63 microns.

TECHNICAL SPECIFICATIONS - ANAEROBIC ADHESIVES

APPLICATION	PRODUCT NUMBER	PRODUCT COLOUR	TORQUE		CURING TIME		SHEAR STRENGTH kg/Cm ²	PRESSURE SEALED kg/Cm ²	VISCOSITY cPs @30°C	GAP FILLED mm	SERVICE TEMPERATURE °C	PACKAGING
			BREAKAWAY Kgm	PREVAILING Kgm	HANDLING Min	FUNCTIONAL Hrs						
THREAD LOCKERS												
Stud grade over M20 size	111	Red	3.2 - 4.0	3.3 - 4.8	5 - 15	6	-	-	1000 - 1500	0.20	-50 to 150	10ml, 50ml, 250ml & 3.5 ltr
Stud grade under M20 size	112	Red	2.8 - 4.0	2.9 - 4.0	5 - 15	6	-	-	275 - 325	0.15	-50 to 150	50ml, 250ml & 3.5 ltr
High strength grade	115	Green	3.3 - 3.7	3.4 - 4.0	5 - 12	3	-	-	1150 - 1350	0.20	-60 to 200	50ml, 250ml & 3.5 ltr
Nut grade Medium strength	122	Blue	2.2 - 2.4	2.3 - 3.0	8 - 15	6	-	-	200 - 250	0.125	-50 to 150	04ml, 50ml 250ml & 3.5 ltr
Screw grade Low strength	132	Yellow	0.8 - 1.2	0.9 - 1.3	10 - 15	6	-	-	200 - 250	0.125	-50 to 150	50ml, 250ml & 3.5 ltr
Wicking Low strength grade	124	Blue	1.8 - 2.2	2.2 - 2.8	10 - 15	6	-	-	25 - 50	-	-50 to 150	50ml, 250ml & 3.5 ltr
BEARING RETAINERS												
High temperature	402	Red	-	-	8 - 12	3	225 - 300	-	1800 - 2000	0.20	-60 to 200	50ml, 250ml & 3.5 ltr, 10 ltr
High strength	412	Red	-	-	10 - 15	6	200 - 250	-	275 - 325	0.175	-60 to 150	4ml, 10ml, 50ml, 250ml & 3.5 ltr
High performance	414	Green	-	-	4 - 10	6	225 - 325	-	300 - 500	0.15	-50 to 160	50ml, 250ml & 3.5 ltr
PIPE SEALANTS												
Medium strength	340	White	0.8 - 1.2	0.9 - 1.3	10 - 15	12	-	400	Paste	0.50	-50 to 200	100gm & 250gm
Hydraulic sealant	341	Green	0.4 - 1.0	0.4 - 1.1	20 - 30	12	-	400	1400 - 1600	0.20	-50 to 180	50ml, 250ml & 3.5 ltr
High strength & fast cure	346	White	1.1 - 1.7	0.9 - 1.4	10 - 15	6	-	400	40000 - 50000 (@ 25°C)	0.50	-50 to 180	100gm & 250gm
LIQUID GASKETS												
Machined flange Gasket	610	Red	0.8 - 1.2	0.9 - 1.3	10 - 15	12	-	120	Paste	0.50	-40 to 180	25gm, 100gm & 250gm
Fast cure Master Gasket	613	Orange	1.7 - 2.5	1.5 - 2.5	8 - 15	12	-	125	20000 - 35000 (@ 25°C)	0.20	-50 to 180	100gm & 250gm

* Note : Also anaerobic adhesives and sealants can be developed as per customer specifications.