



# Three Bond International, Inc.

## Technical Data Sheet

### **TB1324 – ANAEROBIC SEALANT**

#### **Information**

TB1324 is a medium strength type anaerobic sealant. The performance characteristics of TB1324 include quick curing at room temperature, durability, sealing, and anti-corrosion.

#### **Application**

Used for threaded fasteners with a small diameter that may be removed.

#### **Typical Properties**

##### **1. Uncured State**

Property	Units	Value
Appearance	-	Red Liquid
Viscosity	mPa • s (cP)	650 (650)
Specific gravity	-	1.13

##### **2. Cured Material**

Properties		Units	Value
Curing Speed	Workable	Hours	2
	Final		24
Curing Time	80°C	Minutes	30
	100°C		20
	120°C		10
Recommended Clearance		mm	0.01 ~ 0.02
Maximum Clearance			0.3
Shear Strength	Fixing	MPa(kgf/cm <sup>2</sup> )	28.0 (290)
	Screw		16.0 (160)

### 3. Retaining Torque M 10

Property		Units	Value
Steel	Breakaway Torque	N·m (kgf·cm)	22.0 (220)
	Prevailing Torque		30.0 (310)
Stainless Steel	Breakaway Torque		12.0 (120)
Aluminum	Breakaway Torque		13.0 (130)
Brass	Breakaway Torque		11.0 (110)
Zn-Cr	Breakaway Torque		9.0 (92)
Ni	Prevailing Torque		15.0 (150)
Black Steel Oxide	Breakaway Torque		21.0 (210)

*These are typical properties and not product specification*