

## ND Industries StudGrade® 131 Permanent CT Threadlocker

Category : Polymer , Adhesive , Thermoset

**Material Notes:**

**General Description** High strength threadlockers for maximum security. Suitable for most applications where disassembly is not required. **Typical Uses** studs and bolts, and threaded pipe fittings. Meets military spec MIL-S-46163 Type II Grade O

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ND-Industries-StudGrade-131-Permanent-CT-Threadlocker.php](http://www.lookpolymers.com/polymer_ND-Industries-StudGrade-131-Permanent-CT-Threadlocker.php)

Physical Properties	Metric	English	Comments
Viscosity	1600 - 3000 cP	1600 - 3000 cP	Thixotropic

Mechanical Properties	Metric	English	Comments
Impact Test	5.65 - 16.9 J	4.17 - 12.5 ft-lb	Prevail
	16.9 - 28.2 J	12.5 - 20.8 ft-lb	Break

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	149 °C	300 °F	
Minimum Service Temperature, Air	-53.9 °C	-65.0 °F	

Processing Properties	Metric	English	Comments
Cure Time	5.00 min	0.0833 hour	With Primer (Fixture)
	30.0 min	0.500 hour	On steel (fixture)
	1440 min	24.0 hour	With Primer (Full)
	1440 min	24.0 hour	On steel (Full)

Descriptive Properties	Value	Comments
Color	Red	
Gap Fill, in.	0.005	

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