PRODUCT LINE	PRODUCT
Well Construction	LOK-N-LOAD Thread Lock Kit

Innovex's **LOK-N-LOAD Thread Locking Compound** delivers exceptional breakout torque capacity for tubulars in challenging downhole conditions. Low coefficient of friction during makeup, flexibilized epoxy resin minimizes vibration degradation—User-friendly 5:1 mix ratio by weight. When downhole conditions demand maximum holding power, LOK-N-LOAD executes without compromise.

APPLICATION

LOK-N-LOAD is a two-compound resin system, and it's supplied in kits with the correct mix ratio. When using smaller quantities, A and B should be weighed out in a mixed ratio by weight of 5 parts A to 1 Part B.

A and B should be thoroughly mixed together using the spatula provided until the mixture is homogenous.

Thread should be cleaned with solvent until free of any residual dope or contaminants, and bare metal is visible.

The area should be further rinsed with fresh water and dried completely before application of the mixed LOK-N-LOAD compound.

Apply a thin layer of LOK-N-LOAD around the first two-thirds of the PIN thread only. Do not apply any thread dope.

CASING OD	EACH LOK N LOAD KIT WILL LOCK
4 1/2"	10
5 1/2"	6
6 5/8" or 7	4
7 5/8", 8 5/8" or 9 5/8"	3
10 3/4", 11 3/4" or 13 3/4"	2
16 or 20	1

SPECIFICATIONS

TECHNICAL PROPERTIES	U.S. UNITS	METRIC UNITS
Breakout Torque	>120000 ft lb	>162698 J
Makeup Friction Factor	1.0	1.0
Bond Strength	>6498 Psi	45 Mpa
Tensile Strength	>7628 Psi	53 Mpa
Compressive Strength	>13104 Psi	90 Mpa
Flexural Strength	>6092 Psi	42 Mpa
Temperature Range	-40°F to 302°F	-40°C to 150°C
Pot Life	38 min (10,58 Oz.)	38 min (300g sample)
Mix Viscosity	A: 45900 mPas B: 800 mPas	
Mix Ratio by Weight	5:1 (A:B)	
Specific Gravity of Mixed Material	1.35	
Cure Room Temperature (time to maximum strength)	10 hours	
Cure at 120°F (time to maximum strength)	6 hours	

Lok N Load can be stored at room temperature for up to 2 years.

For more information: visit **www.innovex-inc.com** or contact your local sales office

REV – AUGUST 2025