

Description

TAKAMOL TAK-LOK™ provides a complete two-component epoxy system that includes base resin, catalyst and applicator. It is designed for use on all threaded joints and is especially applicable on drill casings and other pipe where the effective prevention of joint-loosening and casing backing-off is required.

APPLICATIONS

TAKAMOL TAK-LOK™ is recommended for use on casing, shoes, couplings, and collars; eliminating the need for gas/arc welding. Threadlock Kit offers a distinct advantage over welding in that threaded connections may be broken out by heating to 550°F (288°C). This product is also excellent for any application requiring a strong, permanent bond that has high vibration resistance.

USE

The catalyst is emptied into the can containing the base epoxy resin, where the two thoroughly mixed. The applicator is used to completely cover the male threads with the mixture and the joint is then coupled. Complete cure for both occurs in 24 hours. The cure time can be reduced by elevating the temperature up to 250°F (121°C).



	Catalyst	Resin
Appearance	Liquid	Gray paste
NLGI	-	0-1
Penetration (ASTM D217)	-	330-365
Viscosity	400 cSt at 25°C	-
Specific gravity	1	1.4
Density (lb/gal)	8.0	11.7
Flash point	>200°F (93°C)	250°F (121°C)
Temperature range	40°F to 450°F (4°C to 230°C)	
Pot life, 8 oz kit	~40 min at 25°C	
Full cure	2 days at 25°C	
Break partial cure	2800 psi at 4 hours	
Break full cure	4000 psi	
Friction factor (API 7A1)	1.2	