

MULTI LOCK STRONG

DESCRIPTION

Multi Lock Strong is a high strength, high performance, multipurpose anaerobe for thread locking, retaining, pipe sealant and flange sealant. Provides low-pressure resistance immediately after application. NSF-registered, acceptable for use as a pipe sealant in and around food processing areas.

PROPERTIES

- Acts as a low pressure (5 bar) seal directly after assembly
- Without hazard pictograms, with less health impacts, resulting in an improved and safer workplace for the user
- Replaces Teflon tape, line and thread tape
- Specially designed packaging that provides minimal waste and makes the product very easy and practical to apply
- Fast strength build-up on pre-torque screws, >50% of max strength in 30 min
- Can be used in applications with gaps 0,3 mm and in sizes < M50

FIELD OF APPLICATION

- Universal, high strength thread locker and sealant for stud bolts, ball bearings into housings or tooth wheels on axels
- Ideal for applications in plumbing, pneumatics and hydraulics
- Can be used on stainless materials without needing an activator
- Perfect for applications in heating, plumbing and sanitation, pneumatics and hydraulics, has a very high-pressure resistance > 700 bar (after curing)

USER INSTRUCTIONS

1. Surfaces should be dry, clean, and free of any contamination.
2. Apply 360° bead of product to the leading threads, leaving the first thread free.
3. Force the material into the threads and voids, adjust product amount accordingly.
4. Assemble and tighten as required.

Bottles should have a lot of air in them and should be allowed to "breathe" to prevent the adhesive from hardening.

Note! Multi Lock Medium is not recommended for threads, cut in copper or copper alloys, which have contact with hot water (>40°C), without any preliminary testing. Because of the high accelerating properties of copper and its alloys, it might happen, that curing starts already while the joining-process is still running. This can cause micro cracks, which might lead to leakage later.



MULTI LOCK STRONG - MLS - 142

Art.no. 15209

Signature: JH

Date: 2025-03-07

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TECHNICAL DETAILS

Packaging:	50 ml bottle. Art.no. 15209
Color:	Red / fluorescent
Odor:	Low
Chemical base:	Diester of Methacrylic Acid
Full curing time:	12-24 hours
Functional cure time:	1 hour
Gap fill:	Up to 0,30 mm
Max thread diameter:	Up to 50 mm (2 inch)
Prevail torque:	>35 Nm
Break loose torque (DIN EN 15685):	>25 Nm
Shear strength (DIN EN ISO 10123):	>20 N/mm ²
Pressure resistance:	Higher than the pressure resistance of pipe (resists pressure until the thread of the pipe bursts).
Temperature resist:	-55°C to +150°C
Application & surface temperature:	+5°C to +40°C.
Viscosity (25°C Brookfield RVT):	6000-7000 mPas spindle/rpm 5/20
Density (20°C):	1,1 g/cm ³
VOC (directive 2010/75 EG):	0,3 % (3,6 g/l)
Shelf life (temp.+5°C to +25 °C):	18 months
Readily biodegradable content:	0 %
Miscellaneous:	In compliance with the legal regulations, please see current Material Safety Data Sheet. https://veidec.com/en/msds
Chemical resistance guide:	Separate list is available for liquids & gases.
User instructions:	Scan the QR-code for MSDS, video and other information.



Strength and physical properties is measured on a M10x20 bolt – grade 8,8 black phosphated – nut 0,8d.

CERTIFICATES & REGISTRATIONS



Registered at NSF, products meeting the criteria for use in or around food-processing areas: category S2
[VEIDEC NSF listing](#)



Registered at BASTA:
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