



IA 101 Screw Lock

IA 101 is one component medium viscosity adhesive, lower strength threadlocking. It is used to lock the threads, which are necessary to take to pieces often.

IA 101 cures quickly and reliably on most metal surfaces. The curing can be speeded up using the Activator AC 64.

IA 101 removes the unlocking of screw locks caused by vibration. It protects against the leaking and corrosion of thread locks.

Chemical composition:

IA 101 is based on di-methacrylate resin.

General characteristics:

Colour : purple

Corrosivity: none

Flash Point : $> 100^{\circ}\text{C}$

Maximum gap: do 0.25mm

Shelf Life : 12 months(store between 0°C a $+5^{\circ}\text{C}$)

Specific weight: 1.05 g/cm^3

Toxicity: none

Temperature Limit : -50°C až $+150^{\circ}\text{C}$

Viscosity : 900 mPas @ 20°C

Performance characteristics:

Strength Typical Value

Brake Moment 4 - 12 N/mm^2

Separation Moment 8 - 20 N.m

Tensile Shear Strength 4 - 8 N/mm^2

* Tested on M10 screws and nuts manufactured from mild steel

Application:

IA 101 is recommended for lower threadlocking e.g.:

Locking of nuts, screws manufactured from soft metal (e.g. Aluminium, Brass).

It can be also used to set together the screws and for the repairs of screws.

The Specified values are average and do not represent specifications.

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