

# TECHNICAL DATA SHEET

**0893 270 025, 0893 270 050, 0893 270 250**

## **High-strength screw retainer**

### **Fields of application:**

For securing, fastening and sealing bolts, stud bolts, nuts, threaded plugs and thread inserts, all of which do not normally have to be detached.

### **Properties:**

- Ideally suited for screw connections exposed to high stresses
- Can only be removed once heated up to 300°C
- Excellent media and thermal stability
- Prevents detachment due to vibrations or shock loads, for example
- NSF registered ANSI 61

### **Surface:**

Metal

### **Application:**

The surface should be free of oil, grease and other contaminants.

Degrease with Würth brake cleaner, art. no.: 0890 108 7.

Anaerobic adhesives are solvent-free reaction adhesives. They harden when not exposed to atmospheric oxygen (anaerobic) and when subjected to the catalytic effect of metal. This means that at least one of the parts to be connected has to be of metal and that the surface of the parts to be connected has to be large enough to exclude oxygen.

Excessive adhesive that is pressed out of the gap between the two parts will not harden and can be removed with a dry cloth or a cloth saturated with acetone cleaner (art.no.: 0893 460, 0893 460 001)

# TECHNICAL DATA SHEET

## Technical data:

Chemical basis	Methacrylic acid ester
Colour	Green/fluorescent
Density	Approx. 1.11 g/cm <sup>3</sup>
Viscosity	500 - 900 mPa·s (spindle 2, 20 rpm)
Max. thread diameter	M 25
Max. gap filling capacity	0.15 mm
Flash point	> 100°C
Touchable after	5 - 15 minutes
Usable after	1 - 3 hours
Compression shear strength (DIN 54452)	>20 N/mm <sup>2</sup>
Application temperature	+5°C - +35°C
Temperature range	-55°C - +150 °C
Final setting after	3 - 6 hours
Breakaway torque	>25 Nm (M10)
Prevailing torque	>40 Nm (M10)
Shelf life	12 months at room temperature

We provide this information to advise you to the best of our knowledge based on our tests and experience. However, due to the large number of applications and the storage and handling conditions that lie outside the scope of our influence, we assume no liability for the application results in individual cases.

This also applies to the use of the non-binding technical and commercial customer services provided by us. We always recommend that you conduct your own tests. We guarantee the consistent quality of our products. We reserve the right to make technical changes and to further develop our products.