

Technical Data Sheet

ADTECH® 6204 MEDIUM STRENGTH NUTLOCK



ADTECH® 6204 IS DESIGNED FOR THE SEALING AND LOCKING OF THREADED FASTENERS WHICH MAY REQUIRE EASY DISASSEMBLY WITH STANDARD HAND TOOLS.

ADTECH® 6204 IS A SINGLE COMPONENT, MEDIUM STRENGTH THIXOTROPIC, ACRYLIC BASED ANAEROBIC NUTLOCK.

Adtech® 6204 cures when confined in the absence of air between close fitting metal surfaces and prevents leakage and loosening from vibration and shock. Adtech® 6204 is particularly suitable for uses on less active substrates such as plated surfaces and stainless steel, where disassembly is required with hand tools.

BENEFITS

- Works on all metals, including passive substrates (e.g. stainless steel, aluminium, plated surfaces)
- Proven to tolerate slight contaminations of industrial oils, e.g. engine oils, corrosion prevention oils and cutting fluids
- Prevents loosening on vibrating parts, e.g. pumps, gear boxes or presses
- Permits disassembly with hand tools for servicing

AVAILABLE COLOURS

Blue

TECHNICAL DATA

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|---|--------------------|
| Brookfield viscosity: | 10000 - 18000 mPas |
| Cure speed: | 10 - 15 minutes |
| Temperature resistance: | -54°C - 150°C |
| Fluorescence: | Positive under UV |
| Strength: | Medium |
| Breakaway torque M10 steel bolts & nuts (ISO10964): | 20Nm |
| Prevail torque M10 steel bolts & nuts (ISO10964): | 7Nm |

AVAILABLE SIZES

| | |
|------------|-------|
| Polybottle | 10ml |
| Polybottle | 50ml |
| Polybottle | 250ml |

PREPARATION AND APPLICATION

Ensure that the surfaces to be bonded are smooth, clean and free from dust or other deposits.

The rate of cure is dependent on the substrates being used, the gap fill required and the ambient temperature at the time of the cure. When the cure speed is unacceptably long, or larger gaps are present, using Adtech® 1006 Activator will improve the cure speed. If the material is an inactive metal consider using activator.

Shake the product thoroughly before use. Apply several drops to the bolt & nut. Assemble and tighten as required.

To prevent the clogging of the nozzle, do not let the tip touch metal surface during application.

For disassembly, remove with standard hand tools. In circumstances where hand tools do not work, use localised heat to bolt or nut, disassemble while hot.

it has a storage life of at least 12 months.

LIMITATIONS

Where washing systems are used to clean the surfaces before bonding, it is important to check the compatibility of the washing solution with the adhesive. In some cases these solutions can affect the cure and performance of the adhesive. This product is not recommended for use on certain plastics.

HANDLING AND STORAGE

Use proper ventilation; avoid contact with skin and eyes.

If contact with skin occurs, rinse with warm water or dissolve gradually with appropriate debonder.

Do not try to remove forcibly.

If adhesive gets into eye, keep eye open and rinse thoroughly. Seek medical attention immediately.

Keep well out of reach of children.

To remove cured product use a combination of solvent and abrasion such as a wire brush

Adtech® 6204 should be stored in the original containers in a cool, dry place, at a temperature range of between 5°C and 20°C. In these conditions

DISCLAIMER: Due to the variation in materials likely to be handled by prospective users of this product, together with differences in production techniques and ultimate performance required, it is important that this product is thoroughly evaluated under production and end use conditions before being commercially adopted. Such an evaluation should incorporate an ageing test and this test should be repeated if the substrates on which the this product is used are changed in any way or are purchased from a different source. During the evaluation and testing of the product, it is the purchasers/end user's responsibility to carry out appropriate actions for the protection of the environment, the health and safety of its employees and purchasers of its products. No employee of Ureka Global Ltd has any authority to waive or change the forgoing provisions. The above recommendations are made in good faith for the guidance of users and are without liability. Any queries should be made in writing to the head office of Ureka Global Ltd.

Revision date: August 2020

