

Technical Data Sheet

ADTECH® 6505 PIPE SEALANT



ADTECH® 6505 IS DESIGNED FOR THE SEALING AND LOCKING OF METAL FITTINGS AND PIPES.

ADTECH® 6505 IS A SINGLE COMPONENT ANAEROBIC, MEDIUM STRENGTH THIXOTROPIC, ACRYLIC BASED PRODUCT.

Adtech® 6505 cures when confined in the absence of air between close fitting metal surfaces and prevents leakage and loosening from vibration and shock.

BENEFITS

- General purpose sealant for all coarse metal threads
- Suitable for fast applications at low temperatures, e.g. outdoor plant maintenance

AVAILABLE COLOURS

Yellow

TECHNICAL DATA

Brookfield viscosity:	7000-130000 mPas
Cure Speed:	4 hours
Temperature resistance:	-54°C to 150°C
Fluorescence:	Positive under UV
Strength:	Medium
Breakaway torque M10 steel bolts & nuts (ISO10964):	11Nm
Prevail torque M10 steel bolts & nuts (ISO10964):	6Nm
Pressure resistance:	10000 psi

AVAILABLE SIZES

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 the product to the male fitting on the leading threads in a 360° bead, leave the first thread free, making sure all voids are full. For bigger threads apply more product accordingly and putting a bead on the female. Assemble and tighten as required. Properly tightened fittings will seal to moderate pressures instantly. For maximum resistance allow a minimum of 24 hours to cure.

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

For disassembly, use localised heat to bolt or nut, disassemble while hot.

solvent and abrasion such as a wire brush

Adtech® 6505 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 it has a storage life of at least 12 months

LIMITATIONS

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be use with chlorine or other strong oxidising materials

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

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.

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