

KEOL**POLYURETHANE ADHESIVE****K-PURE 076**

2C



076 adhesive from the K-PURE range is a two-component polyurethane adhesive that sets very quickly at room temperature. This polyurethane adhesive is specially designed for a wide variety of plastic, rubber and wood bonding applications.

- **QUICK SETTING**
- **NON-RUNNY PASTY**
- **EXCELLENT DURABILITY AND STRENGTH PROPERTIES**
- **IDEAL FOR QUICK ASSEMBLY**

CHEMICAL BASIS

Polyurethane

PROCESSING TIME

120-150 s

COLOR

Transparent

SHORE D

60

PROPERTIES	076 PART A	076 PART B	MIX
Color	Amber	Amber	Transparent
Viscosity @ 25 ° C Brookfield, cps	1000-1500	1500-2000	Pasty
Mixing ratio by volume	1:1		
Mixing ratio by weight	1:1		
Processing time (seconds)	120-150 s		
Complete processing time	24 hours		
Typical properties of hardened products			
Tensile elongation	80-90%		
Shore D (ASTM D2240)	55-65D		
Dielectric strength Volts / mil ASTM D 149	350		
Retraction treatment ASTM D2566	0,0020 in./in.		
Tear resistant ASTM D 624	480 Pli		
Tensile strength ASTM D 638	2,455 psi		

KEOL

POLYURETHANE ADHESIVE



SURFACE PREPARATION

Clean the surface by wiping off any heavy grease, oil, dirt or other deposits with a solvent. contaminants. The surface can also be cleaned with industrial cleaning equipment such as vapor-phase degreasers or hot aqueous baths. If you are working with metal, abrade or roughen the surface to greatly increase the microscopic binding area and increase bond strength.



APPLICATION OF THE PRODUCT

Proper homogeneous mixing of resin and hardener is essential for curing and development of declared resistance.

1. Attach the cartridge to manual or pneumatic 50ml, 200ml or 400ml dispensing systems. 2. Open the tip 3. Operate the cartridge by pressing to release the material until both sides are uniform (ensures that no air bubbles are present during mixing). 4. Attach the mixing nozzle to the end of the cartridge. 5. Apply to the surface and fasten the other substrate, because you have time to work limit. Substrates can be clamped with a bond line thickness as small as 0.007 ".



PRODUCT STORAGE

076 Adhesive from the K-PURE range has a shelf life of 12 months from production, as long as stored in a cool, dry place. Cartridges should be stored in a sealed plastic bag that is protected from light and any sources of heat inside the original packaging.

Once opened, cartridges have a shelf life which is indicated by the expiration date on the label (as long as the above conditions are met) leaving the last used mixer in the cartridge.



PRECAUTIONS FOR HANDLING THE PRODUCT

K-PURE products are generally safe to handle, provided that precautions regarding handling chemicals are taken. The cartridge product should not come into contact with food products or cooking utensils, and certain safety measures should be taken to prevent the contents of the cartridges from escaping and coming into contact with the skin, as the people with very sensitive skin could be affected. It is recommended to use rubber or plastic gloves, as well as eye protection.

The skin should be thoroughly cleansed at the end of each work session by washing it with soap and warm water. Avoid the use of solvents. To dry the skin, use disposable paper. Adequate ventilation is recommended for the work location.

These precautions are explained in more detail in the Safety Data Sheet for the individual products and you should refer to that document for further information.



NOTE

The information, and particularly the recommendations regarding the application and KEOL products, are given to you in good faith and are based on current knowledge and experience with products which have been properly stored, handled and applied under normal conditions.

KEOL cannot take responsibility for the results obtained by others since we have no control over their method.

It is up to the user to determine the suitability of the products for the specific application for any production methods mentioned in this document. Also, it is up to the user to adopt the necessary precautions as recommended for the protection of the establishment and of people against all kinds of risks that may arise during the handling and use of the products.

KEOL cannot assume all the guarantees mentioned or implied, including guarantees of market value or of conformity for a specific reason, arising from the sale or use of KEOL products. KEOL cannot assume responsibility for any incidental consequences or damages of any kind, including lost profits.

Users should always refer to the most recent edition of the technical data sheet for the product concerned. Copies of this document will be provided upon request.