

easyPUR

GENERAL FEATURES _ TECHNICAL INFORMATION
NOZZLES AND ACCESSORIES



Easy PUR is a professional gluing system for the application of polyurethane adhesives for wood (PUR adhesives), one component moisture curing.

EasyPUR consists of:

- _ Metal cart;
- _ PUR adhesive drum.
Our standard drum has two openings, one for the suction pipe and a smaller one for the dry air.
We use the Tri-Sure standard covers (see picture 1 below).
- _ Suction pipe with filter and foot valve;
- _ Hose with valve and CAM-Lock fitting;
- _ High-quality diaphragm pump *Santoprene* diaphragm.
The quality level of the diaphragm pump is very imperative, especially with PUR adhesives for wood.
The stall-prevention pneumatic system assures a safe, long-lasting pump running (new generation diaphragms with "long Life profile") and it does not need lubricated air.
- _ Pump pressure regulator;
- _ Silicagel air dryer filter (first filling provided);
- _ Hose - 3 m;
- _ Glue gun with universal pointed nozzle, on which all PIZZI nozzles are interchangeable;
- _ Side container for the glue gun (to be filled with the suitable cleaner – cleaner is not provided).



IMG 1

As to the adhesive drums, we are able to offer any options.

Our system can be adapted and customized to different volumes of containers and drums, up to 200 liters.

EasyPUR will therefore be tailor-made according to customer needs and barrel capacity, thus, also sizing the metal cart to different volumes of drums and designing the suction pipe accordingly. In the case of drums with high capacity, e.g. 200 liters, the system will operate with the drum placed horizontally (see image 2).



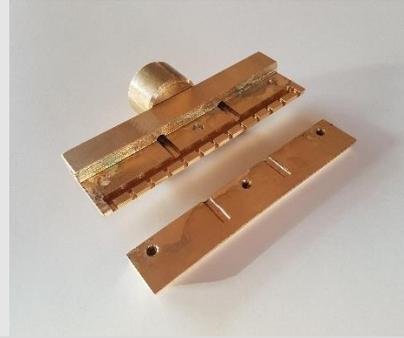
IMG 2



IMG 3

Brass spatula nozzles, available widths 40, 65 and 125 mm.





Brass is the proper metal for polyurethane adhesives for wood (PUR) and its chemical composition.

Accordingly to the indications provided by all major glue and adhesives manufacturers, PUR wood adhesives have to be applied by means of spatulas or spreading on a bead with the suitable nozzle and that is a gluing cylinder (see images below).

All PIZZI nozzles for PUR application are openable nozzle for an easy inspection, accurate cleaning and efficient maintenance.

PIZZI, in addition to all available standard nozzles, for more than 40 years, with great competence, is shaping any special nozzle, tailored to the customer's technical and production needs and according to the chemical characteristics and the adhesive.

As for nozzles to be used with the easyPUR system, PIZZI is also offering a second option:



Adjustable side guide in brass

Nozzles prices:

Spatula nozzle in brass

- _ ref. no. 174PU _ Spatula nozzle in brass for PUR adhesives _ 40 mm width € 210,00
- _ ref. no. 175PU _ Spatula nozzle in brass for PUR adhesives _ 65 mm width € 255,00
- _ ref. no. 176PU _ Spatula nozzle in brass for PUR adhesives _ 125 mm width € 320,00

Glue slotted holes (for glue spread out) of all a. m. spatula nozzles measure 2.5 mm.

Gluing cylinder nozzle in brass

_ ref. no. 031PU _ Gluing cylinder for PUR adhesives _ 72 mm width	€ 250,00
_ ref. no. 032PU _ Gluing cylinder for PUR adhesives _ 120 mm width	€ 280,00
_ ref. no. 033PU _ Gluing cylinder for PUR adhesives _ 180 mm width	€ 330,00
_ ref. no. ASGPU _ adjustable side guide in brass (for glue spread out)	€ 48,00 each

To know about polyurethane adhesives for wood (PUR) one component moisture-curing:

PUR adhesives are a reactive polyurethane-based adhesive.

PUR adhesives one-component, medium-viscosity, hygro-hardening product. These adhesives cure through cross linking with moisture from the air. The bonds are extremely strong and temperature and water resistant, i.e. catalyze, cure with the water present in the form of atmospheric moisture.

The reaction between the adhesive (containing isocyanate) in presence of humidity usually leads to a production of carbon dioxide which causes the product to foam, whose bonding is filling any cavity.

This wood adhesives are optimal when it is necessary to couple wooden parts where high resistance to humidity and high temperatures is required.

They are among the most modern adhesives for joinery, wood components for the housing and building industry and are particularly ideal for complex bonding.

Fields of application

Predominately all types of wood (e.g. windows, doors, stairs etc.) and panel bonding, furniture or cabinetry job.

Bonding of windows and doors;

bonding of wooden and parquet floors;

bonding of wood and its derivatives;

bonding for exteriors;

bonding for shipbuilding;

bonding of MDF joints (medium density fiberboard panels);

bonding of mineral alloy panels, for construction;

PUR adhesives are also suitable for metals, plastics and bonding of ceramics, concrete and expanded clay.

Salient features of PUR adhesives are:

- _ medium viscosity;
- _ high resistance to humidity;
- _ high resistance to high temperatures;
- _ expanding adhesive.

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