



# FOMiCOM

insulation solutions



SPRAY FOAM INSULATION

**FAST**  
**PUR**

# INSTRUCTIONS

## PREPARATION



## USE



## RESULT



# GENERAL

FAST-PUR™ is a portable two-component polyurethane [PUR] spray foam kit that enables professionals to produce PU foam of exceptional quality quickly and easily, wherever and whenever required. FAST-PUR is intended as foamed-in-place insulating sealant, to prevent air leaks and insulate gaps, cracks, cavities and joints in the building shell. It can be used to seal piping, elbows, valves, tee joints and tubes, or for the repair of coolers and warehouses. FAST-PUR is also used around door and window frames and to seal mechanical and electrical conduits and outlets passing through walls, floors, ceilings, attics and roofs.

The FAST-PUR kit contains two pressurised cylinders, which connect to a spray gun using hoses. When the contents of the two cylinders are combined in the nozzle, the chemical reaction creates a foam-like substance. This substance expands very rapidly [three times the sprayed volume]. Expansion of the foam takes approximately 30 seconds, followed by another 5 minutes to cure into a fixed, durable structure.

FAST-PUR sticks to most surfaces, including wood, metal, brick, glass and most synthetics. Cured foam is resistant to moisture, insulates, reduces noise, adds structural support, provides airtight seams and fills cavities.



INERT



INSULATING



ADHESIVE  
POWER



AIRTIGHT



QUICK-  
CURING



WATER-  
TIGHT

The FAST-PUR 12 and 40 spray foam kit contains an isocyanate cylinder and a polyol cylinder. Depending on the application, either a quick-rising (QR) or slow-rising foam (SR) may be used. The disposable pressurised cylinders connect to the spray gun using the set of hoses. The nozzle clicks onto the gun to ensure an even distribution of the two base components of the insulating polyurethane foam.



## FAST-PUR 12



### FAST-PUR 12 KIT QR | SPRAY

- 30 seconds to reach final volume
- Cures in under 5 minutes
- Density of 30 kg/m<sup>3</sup>

### FAST-PUR 12 KIT SR | INJECT

- 60 seconds to reach final volume
- Cures in under 8 minutes
- Density of 30 kg/m<sup>3</sup>



**YIELD:**  
375 - 430 LITRES CURED FOAM

- RECOMMENDED ACCESSORIES:**
- GUN HOSE ASSEMBLY GHA 9FT
  - PU CLEANER + VASELINE SPRAY
  - HEATING JACKET

FOR OPTIMAL FOAM YIELD THE PRODUCT IN THE CYLINDERS MUST BE HEATED TO AT LEAST 24°C.

## FAST-PUR 40



### FAST-PUR 40 KIT QR | SPRAY

- 30 seconds to reach final volume
- Cures in under 5 minutes
- Density of 30 kg/m<sup>3</sup>

### FAST-PUR 40 KIT SR | INJECT

- 60 seconds to reach final volume
- Cures in under 8 minutes
- Density of 30 kg/m<sup>3</sup>



**YIELD:**  
1250 - 1430 LITRES CURED FOAM

- RECOMMENDED ACCESSORIES:**
- GUN HOSE ASSEMBLY GHA 15FT
  - EXTRA NOZZLES [25 PACK]
  - PU CLEANER + VASELINE SPRAY
  - HEATING JACKET

FOR OPTIMAL FOAM YIELD THE PRODUCT IN THE CYLINDERS MUST BE HEATED TO AT LEAST 24°C.

## FAST-PUR 125



The **refillable** FAST-PUR 125 spray foam kit contains an isocyanate cylinder and a polyol cylinder. Depending on the application, either a quick-rising (QR) or slow-rising foam (SR) may be used.

A nitrogen cylinder is connected to the two cylinders using a **dual pressure regulator**. The nozzle which clicks onto the gun ensures an even distribution of the two base components of the insulating polyurethane foam.

A **security deposit** is required for each cylinder and **refunded** on return of the empty cylinder, in accordance with our general terms and conditions of sale.



### FAST-PUR 125 KIT QR | SPRAY

- 30 seconds to reach final volume
- Cures in under 5 minutes
- Density of 30 kg/m<sup>3</sup>

### FAST-PUR 125 KIT SR | INJECT

- 60 seconds to reach final volume
- Cures in under 8 minutes
- Density of 30 kg/m<sup>3</sup>

**YIELD:**  
4000 - 4500 LITRES CURED FOAM

- RECOMMENDED ACCESSORIES:**
- GUN HOSE ASSEMBLY GHA 30FT
  - EXTRA NOZZLES [25 PACK]
  - PU CLEANER + VASELINE SPRAY
  - HEATING JACKET
  - NITROGEN + PRESSURE REGULATOR

FOR OPTIMAL FOAM YIELD THE PRODUCT IN THE CYLINDERS MUST BE HEATED TO AT LEAST 24°C.



## FOAM CABINET

The foam cabinet provides room for 2 FAST-PUR 125 cylinders, with a built-in heater to maintain the right temperature during application for maximum yield. The nitrogen cylinder ensures consistent pressure when spraying. The control panel's clear layout allows pressure for the various cylinders to be regulated precisely.



# ACCESSORIES

## GUN HOSE ASSEMBLY [GHA]

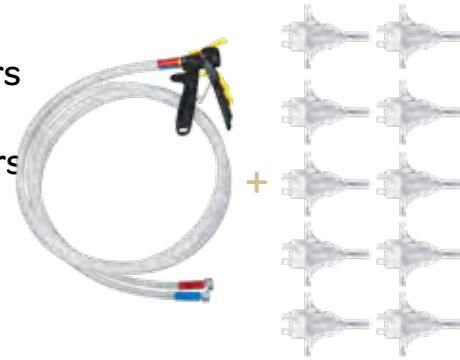
The **Gun Hose Assembly [GHA]** kit contains a spray gun, two connected hoses and 10 nozzles. The spray gun is made of sturdy, lightweight plastic, with a pressure-sensitive trigger to regulate the flow.

Choice of:

9ft 2,9 meters

15ft 4,6 meters

30ft 9 meters



## NOZZLES

The **anti-crossover nozzle** prevents overflow of the still-liquid base components using a unique patented internal check valve. Thanks to the nozzle's transparent section, users can see if it has already been used. The new conical design improves the foam mixture. The side wings allow the nozzle to be attached to the spray gun quickly and easily.



### CAULKING NOZZLE

- Set of 25 nozzles with low spraying capacity
- Suitable for application of a controlled stream
- Ideal for narrow spaces



### CONE SPRAY NOZZLE

- Set of 25 nozzles with medium spraying capacity and narrow coverage
- Suitable for filling gaps and cavities



### FAN SPRAY NOZZLE

- Set of 25 nozzles with medium spraying capacity and wide coverage
- Ideal for flat applications such as treatment of roofs, walls and other large surfaces



### POURING NOZZLE

- Set of 25 nozzles with high spraying capacity and high-volume coverage
- Suitable for filling large cavities and hidden gaps, slow curing recommended

## PU CLEANER

**PU cleaner** removes uncured polyurethane foam from the spray gun and connectors. It must be used immediately after application, before the curing process has started. Bottle contains 500 ml.



## VASELINE SPRAY

The **vaseline spray** has two functions. On the outside of the gun, it keeps PUR foam residue from sticking to the gun and mechanism. This extends the lifetime of the gun significantly. Additionally, inside the gun, the vaseline spray ensures a good seal between the nozzle and the gun. This makes clicking in and out easier as well.



## KIT GHA 30FT REFILL

The **Gun Hose Assembly [GHA] kit 30ft refill** contains the GHA 25 cm, 4 ball valves and two separate 9-meter hoses.



## BALL VALVE

Connect to the GHA to allow for easy switching to the next foam kit.



## HEATING JACKETS

The **heating jacket** keeps the cylinder at the right temperature. The heater ensures that even in a cold environment, the cylinder maintains the 24°C minimum temperature required for maximum foam yield.





**INJECTION**



**ANTI-CONDENSATION**



**SEALING**



**FILLING**



**SURFACES**

## SAFETY

Fomicom offers a range of **personal protective equipment** for use in common applications. Specific circumstances and applications may require different safety measures.

Our products consist of chemical components containing reactive substances, which should be treated with the appropriate care. Make sure to study the safety information sheets thoroughly before starting application.



## ENVIRONMENT

In accordance with the European Directive 2004/12/EU on packaging and packaging waste, Fomicom commits to accepting returns of - completely empty - packaging we have sold. These materials are collected by our company using a closed system. Waste is disposed of in accordance with applicable European and local legislation using authorised waste processing companies.

## ABOUT US

Fomicom specialises in the manufacture, marketing and sale of portable, autonomous polyurethane systems. With headquarters in Maldegem [Belgium], Fomicom offers a wide range of polyurethane systems and equipment for the professional user. The strategically located headquarters enable fast delivery to European clients and the provision of high-quality technical service. Fomicom is a pioneer when it comes to innovation geared towards minimising the impact on the environment.

All foam systems produced by Fomicom comply with the directives specified by the 1987 Montreal Protocol. The products do not contain formaldehyde or CFCs. The majority of the two-component systems are available in refillable packaging.

The polyurethane foams are easy to use and do not require any major equipment investments. Clients can visit the Maldegem headquarters for demos and training or request them on-site. Fomicom guarantees excellent support during the execution of a client's project.





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