

# FROTH-PAK™



## &gt;&gt; FROTH-PAK



## General

FROTH-PAK is a portable two component polyurethane spray foam kit which enables the professional to produce polyurethane foam of exceptionally high quality, quickly and easily, wherever and whenever required. FROTH-PAK is intended for use as a foamed-in-place sealant for air leakage control and insulation of gaps, cracks, cavities and joints within the building envelope. It is used for sealing ducts, elbows, valves, tees, and boxes, replacing or repairing insulation in refrigerated containers and refrigerated warehouses. FROTH-PAK is used around door and window perimeters, roof/wall intersections, and the sealing of mechanical, electrical and plumbing penetrations in walls, floors, ceilings, attics and roofs.

The FROTH-PAK kit comprises two pressurized tanks, linked by hoses, to the INSTA-FLO spray gun. When the contents of the two tanks are dispensed, they chemically react to produce a froth-like substance, which quickly expands to about three to five times the dispensed volume. The foam solidifies in about 30 seconds and fully cures into a solid permanent structure in approximately five minutes.

FROTH-PAK adheres to most surfaces including wood, metal, masonry, glass, and most plastics. Cured foam resists moisture, insulates, dampens noise, adds structural support, provides an air-seal and fills voids.

FROTH-PAK is manufactured by Polymer Insulation Products, under a contract manufacturing agreement with DOW Europe. FROTH-PAK and INSTA-FLO are registered trademarks of the DOW Chemical Company.

## FROTH-PAK mini kit

FROTH-PAK mini kit is an insulating spray foam made from two components and designed for small applications. The two dispensable spray cans are mounted to the holder and connected to the spray gun by hoses. A handy shoulder strap, attached to the adapter, allows for mobility and also enables you to operate the spray gun with only one hand.

## Package content:

- >> isocyanate spraying can
- >> polyol spraying can
- >> adapter
- >> GHA [hoses, spray gun and 3 nozzles]

## Yield:

- >> 25-35 litres of expanded foam



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[www.pipproducts.eu](http://www.pipproducts.eu)

## >> FROTH-PAK 180

The FROTH-PAK 180 products are sold in a kit where an isocyanate tank is combined with a polyol tank. Depending on application we opt for the slow rise, quick rise or high density polyol. Two hoses connect the separate tanks with the spray gun. The nozzle which clicks onto the spray gun allows uniform mixing of the two basic components of the insulating polyurethane foam. The kit contains 2 dispensable pressurized tanks which must be connected with hoses to a spray gun. The package has a metal handle allowing you to move the kit while working. The total gross weight of the kit is approximately 17kg.



**FROTH-PAK 180 kit SR** [slow rise] is an insulating spray foam kit made from two components with a slow curing time. The insulation foam expands to its ultimate volume within 60 seconds, fully cures into a solid permanent structure within eight minutes and has a density of 30 kg/m<sup>3</sup>.

**FROTH-PAK 180 kit QR** [quick rise] is an insulating spray foam kit made from two components with an extra quick curing time. The insulation foam expands to its ultimate volume within 30 seconds, fully cures into a solid permanent structure within five minutes and has a density of 30 kg/m<sup>3</sup>.

**FROTH-PAK 180 kit HD** [high density] is an insulating spray foam kit made from two components with an extra high density of 45 kg/m<sup>3</sup>. The insulation foam expands to its ultimate volume within 25 seconds and fully cures into a solid permanent structure within five minutes.

Package content:  
>> isocyanate tank  
>> polyol tank

Necessary accessories:  
>> GHA [hoses, spray gun and 10 nozzles]

Yield:  
>> 375-430 litres of expanded foam

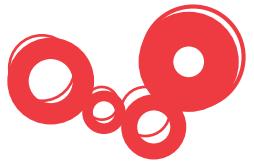
### FROTH-PAK



For optimal results,  
use at 24°C (75°F)

## >> FROTH-PAK 600

The FROTH-PAK 600 products are always used in a combination; an isocyanate tank combined with a polyol tank. Depending on application we opt for the slow rise, quick rise or high density polyol. Two hoses connect the separate tanks with the spray gun. The nozzle which clicks onto the spray gun allows uniform mixing of the two basic components of the insulating polyurethane foam. The separate tanks are pressurized and have a gross weight of approximately 25 kg.



**FROTH-PAK 600 iso** must be used in combination with FROTH-PAK 600 polyol. The two components, isocyanate and polyol, combine to form an insulating polyurethane foam.

**FROTH-PAK 600 SR polyol** [slow rise] must be used in combination with FROTH-PAK 600 iso. The two components combine to form an insulating polyurethane foam with a slow curing time. The insulation foam expands to its ultimate volume within 60 seconds, fully cures into a solid permanent structure within eight minutes and has a density of 30 kg/m<sup>3</sup>.

**FROTH-PAK 600 QR polyol** [quick rise] must be used in combination with FROTH-PAK 600 iso. The two components combine to form an insulating polyurethane foam with an extra quick curing time. The insulation foam expands to its ultimate volume within 30 seconds, fully cures into a solid permanent structure within five minutes and has a density of 30 kg/m<sup>3</sup>.



Necessary accessories:

- >> GHA [hoses, spray gun and 10 nozzles]
- >> nozzle kit

Optional:

- >> heating jackets [can be rented]

Yield:

- >> 1250-1430 litres of expanded foam

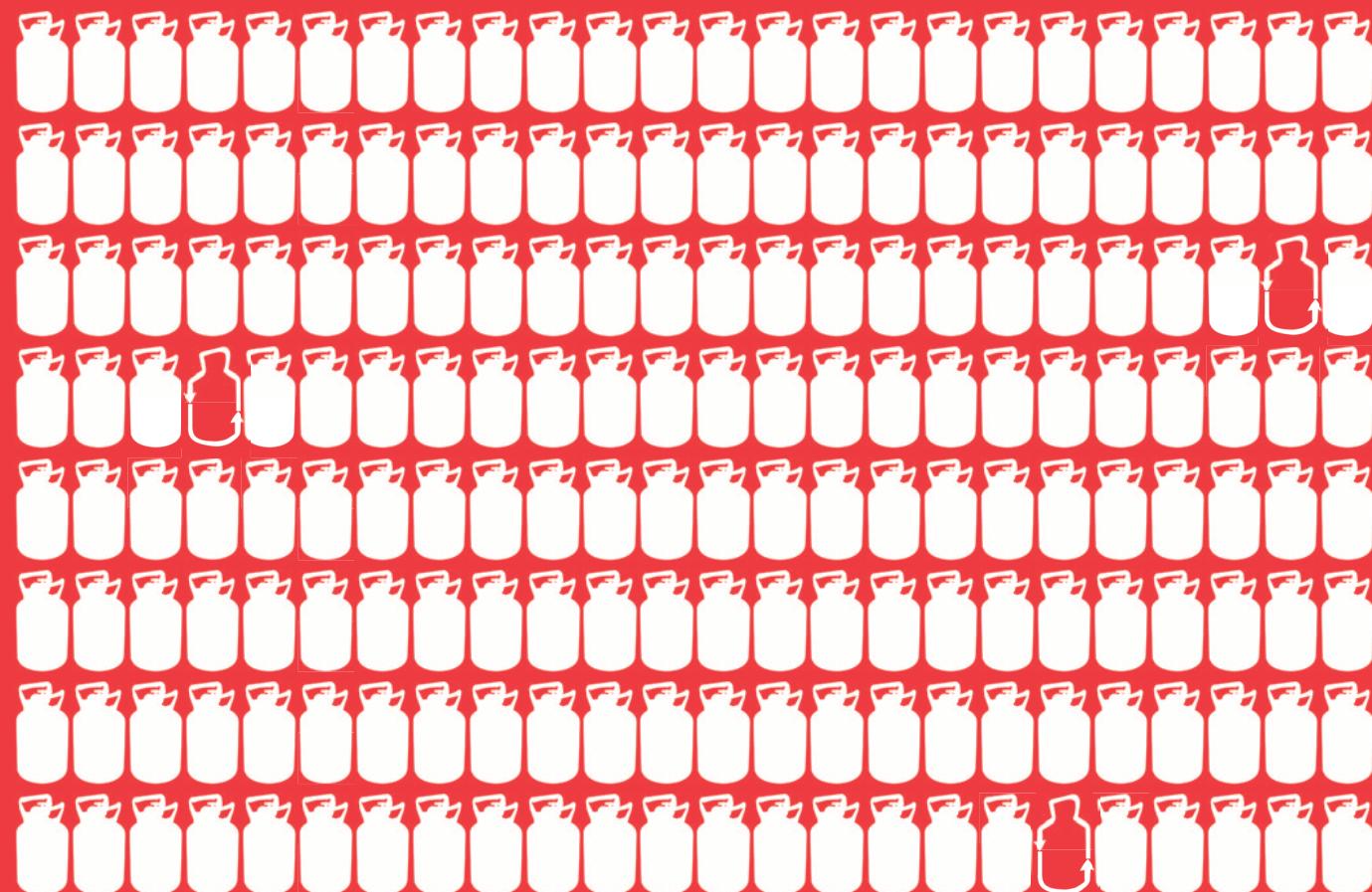


## &gt;&gt; FROTH-PAK 1900

The refillable FROTH-PAK 1900 products are always used in a combination; an isocyanate tank combined with a polyol tank. Depending on application we opt for the slow rise or quick rise polyol. A nitrogen tank is connected to the two basic components by means of a double pressure regulator. Two hoses connect the separate tanks with the spray gun. The nozzle which clicks onto the spray gun allows uniform mixing of the two basic components of the insulating polyurethane foam. The separate tanks are pressurized and have a gross weight of approximately 95 kg. The tank is refillable and is charged with a deposit which is reimbursed on return of the cylinder according to our general sales conditions.



## REFILLABLE TANKS



FROTH-PAK 1900 **iso** must be used in combination with FROTH-PAK 1900 polyol. Isocyanate and polyol combine to form an insulating polyurethane foam.

FROTH-PAK 1900 **SR polyol** [slow rise] must be used in combination with FROTH-PAK 1900 iso and has a slow curing time. Isocyanate and polyol combine to form an insulating polyurethane foam. The insulation foam expands to its ultimate volume within 60 seconds, fully cures into a solid permanent structure within eight minutes and has a density of 30 kg/m<sup>3</sup>.

FROTH-PAK 1900 **QR polyol** [quick rise] must be used in combination with FROTH-PAK 1900 iso and has an extra quick curing time. Isocyanate and polyol combine to form an insulating polyurethane foam. The insulation foam expands to its ultimate volume within 30 seconds, fully cures into a solid permanent structure within five minutes and has a density of 30 kg/m<sup>3</sup>.

## Necessary accessories:

- >> nozzle kit
- >> GHA [hoses, spray gun and 10 nozzles]
- >> nitrogen tank [can be rented]
- >> pressure regulator with pipelines [can be rented]

## Optional:

- >> heating jackets [can be rented]
- >> standard machine [can be rented]

## Yield:

- >> 3900-4500 litres of expanded foam

## FROTH-PAK



## >> GUN HOSE ASSEMBLY [GHA]



The Gun Hose Assembly [GHA] kit consists of a spray gun, two connected hoses and 10 nozzles. The patented INSTA-FLO spray gun is made from lightweight synthetic material; it is strong and the flow rate is easily controlled by means of a touch sensitive trigger.

### Kit GHA 9ft

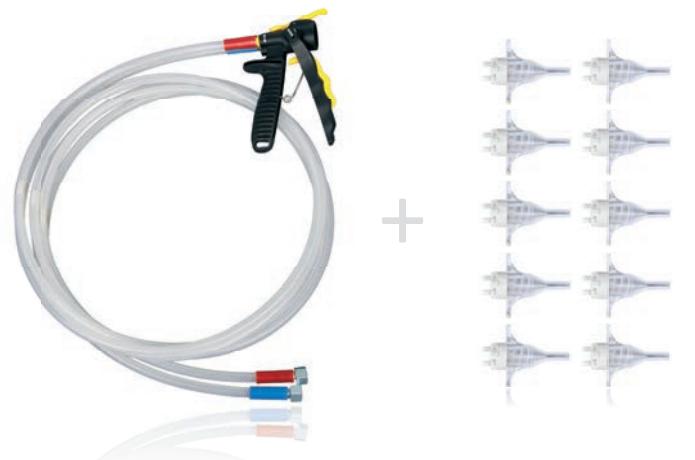
- >> INSTA-FLO spray gun
- >> Two connected hoses of 2.9 meters each
- >> 10 nozzles

### Kit GHA 15ft

- >> INSTA-FLO spray gun
- >> Two connected hoses of 4.6 meters each
- >> 10 nozzles

### Kit GHA 30ft

- >> INSTA-FLO spray gun
- >> Two connected hoses of 9 meters each
- >> 10 nozzles



## >> GHA MISCELLANEOUS



**GHA 25 cm**  
A spray gun connected to a 25 cm hose.



**Ball valve**  
Can be connected to the GHA in order to easily switch to the next foam kit.



**Kit GHA 30ft refill**  
The Gun Hose Assembly [GHA] kit 30ft refill consists of a GHA 25 cm, 4 ball valves and two separate hoses of 9 meters each.

## >> NOZZLES



The anti-cross-over nozzle prevents the liquid base components from overflowing by means of a unique, patented internal non-return valve. Due to the clear part of the nozzle you can see whether the nozzle has been used. A new cone-shaped design improves the foam mixture. Side wings allow you to fix the nozzle to the spraying gun easier and faster.



### Nozzle kit caulking yellow

The Nozzle kit caulking yellow is a set of 25 nozzles with a low spraying capacity and is suitable for applying a controlled strip. The nozzle was developed for precise applications and is ideal for narrow spaces. Furthermore, the nozzle minimizes excessive use and waste. The front part is clear green, the back part is yellow.



### Nozzle kit cone spray white

The Nozzle kit cone spray white is a set of 25 nozzles with a medium spraying capacity and is used to cover small surfaces. Because of the cylinder-shaped spraying pattern, this nozzle is suitable for filling up cavities and holes. The front part of the nozzle is clear white, the back part is white.



### Nozzle kit fan spray white

The Nozzle kit fan spray white is a set of 25 nozzles with a medium spraying capacity and is used to cover large surfaces. The wide spraying pattern makes this nozzle ideal for treating flat surfaces, such as roofs, ceilings, walls and other large surfaces. The front part of the nozzle is clear light blue, the back part is white.



### Nozzle kit pour black

The Nozzle kit pour black is a set of 25 nozzles with a high spraying capacity and big volume coverage. The nozzle is meant for filling up large cavities and hidden holes, for which a slow curing time is recommended. The front part of the nozzle is clear white, the back part is black.



### Calibration nozzle kit white

The Calibration nozzle kit white is a set of 25 nozzles which control the mixing ratio. This ratio check verifies that the correct proportion of the products is used in cases of prolonged or interrupted use of the GHA.



## >> ACCESSORIES



### Great stuff pro PU cleaner

Great stuff pro PU cleaner removes polyurethane foam from the spray gun and/or from the connections. It should be used immediately after using the gun, before the curing process begins. A bottle contains 500 ml.

### Heating jacket

The heating jacket serves to keep the cylinder at the correct temperature. The heating element ensures that even in a cold environment, the cylinder is maintained at an ideal temperature of 24°C. This guarantees the best possible result. There are heating jackets for the FROTH-PAK 600 and 1900 systems.



### Standard machine

The standard machine offers space for two FROTH-PAK 1900 cylinders and during the application it maintains the temperature by means of a built-in heating element. This guarantees the best possible result. The nitrogen cylinder ensures that the pressure remains constant during spraying. The well-arranged control panel allows precise control of the pressures in the various cylinders.

## >> SAFETY

Polymer Insulation Products offers a selection of personal safety materials for usage in common applications. Specific conditions and applications can demand for other safety materials or devices.

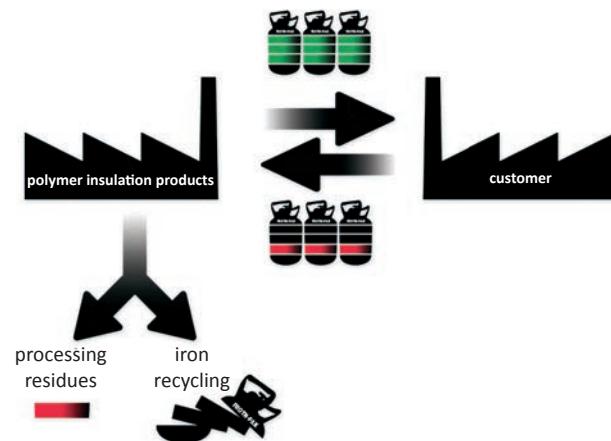


The chemical components of which our kits are composed are reactive materials that need to be handled with certain precautions. Please read the Safety Data Sheets carefully before start using the product. Scan the code or visit our website:



## >> ENVIRONMENT

Under the European Directive 94/62/EC concerning packaging and packaging waste, Polymer Insulation Products accepts the returned empty packaging. The remaining materials are extracted in a closed loop system. Waste is destroyed following European and local regulations through an accredited process.





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