

TECHNICAL DATASHEET

Froth-Pak™ Foam Systems 180/600



Description

Froth-Pak™ Foam Systems is a new two-component polyurethane spray foam product, which boasts a global warming potential (GWP) reduction of 99% compared to the legacy Froth-Pak™ product and does not contain ozone-depleting chemicals or HFCs, while maintaining performance. It comes in two separate portable and disposable pressurized cylinders requiring no external power source.

It allows a fast and easy production of high-quality PU-foam for professional use in all different applications. Once fully cured, Froth-Pak™ Foam Systems is thermally stable in the temperature range of **-150 °C to +100 °C**. This product can be used in cryogenic applications.

Preparation and temperature

Prior to spraying the foam, surfaces must be dry, firm, clean and free of dust, grease, or loose particles. Not approved for use on wet surfaces or on substrates with standing water.

Optimal product temperature +24 °C (if needed, condition the product by using heating jacket or similar). Minimum ambient temperature +5°C.

Curing

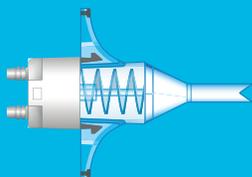
Froth-Pak™ Foam Systems generally cures very fast. After ~5 minutes the foam is fully cured. Cured foam can only be removed mechanically.

Available Accessories

- ✓ Gun Hose Assembly (gun, hoses + 10 nozzles)
- ✓ Nozzles (25 pieces)
- ✓ PU cleaner
- ✓ Vaseline spray
- ✓ Heating jackets

Fan nozzle

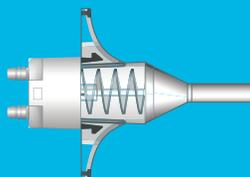
The fan type nozzle provides a fine fan spray pattern resulting in a smooth foam surface (paint spray finish)



Medium output: 2 kg/Min

Cone nozzle

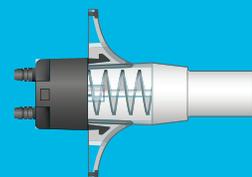
The cone type nozzle provides a round spray pattern for multiple applications and surfaces



Medium output: 2 kg/Min

Pour nozzle

The pour type nozzle is designed to fill large cavities



High output: 4-5 kg/Min

Properties

	Net weight cylinder (1)	Free rise density	Injected density	Yield (2)	Rise time	Compressive strength	Lamda value (@ 10 °C)	Reaction to fire
Standard	-	Internal	Internal	Internal	Internal	EN826	EN 12667	EN 13501-1
Unit	kg	kg/m ³	kg/m ³	Liter	s	kPa	W/(m.K)	W/(m.K)
Froth-Pak™ Foam Systems 180 QR Kit	11.9	28	-	400	30	120	≤ 0.022	E
Froth-Pak™ Foam Systems 180 SR Kit	11.9	34	40	400	70	120	≤ 0.022	E
Froth-Pak™ Foam Systems 600 QR	19.9	28	-	1300	30	120	≤ 0.022	E
Froth-Pak™ Foam Systems 600 SR	19.9	34	40	1300	70	120	≤ 0.022	E
Froth-Pak™ Foam Systems 600 ISO	20.5	-	-	-	-	-	-	-
CE-Code PU-EN14315-1-W0.4-DS(70,90)3-DS(-20)I								

(1) Froth-Pak™ Foam Systems consists of 2 cylinders: one polyol and one isocyanate cylinder of same size.

(2) Yield calculations based on values determined in lab conditions, blowing agent loss and other impacts neglected. An example: 1 m³ equals 20 m² with foam thickness of 50 mm.

NOTE: All the above stated properties have been tested on non-aged foam in norm climate (23 °C /50 % R.H.), typical values are given.

Safe handling

Important

For professional use only – The Froth-Pak™ Foam Systems cylinders contain isocyanate, blowing agent, and polyols under pressure. Please read carefully the user manual that comes with the product or available on www.froth-pak.dupont.com and the Safety Data Sheets (SDSs) before use. These documents contain important information on applicable safety regulations and the provisions on the protection of health. Safety Data Sheets are revised regularly – please request and note the latest version before using/processing or obtain directly at: www.froth-pak.dupont.com (SDS Finder)

Please note the requirements for the safe use of this product by professional and industrial users in the European Union.

This information is present on Section 2.2 of the SDS, as well as on the product label and packaging of the isocyanate component of the product.

As from 24 August 2023 adequate training is required before industrial or professional use.

For more information, please visit: feica.eu/Puinfo.

Shelf life and storage

Store and transport cylinders always in an upright position and in dry conditions. Product and accessories need to be protected from direct sunlight and freeze.

Storage temperature: +5 °C to +25 °C

Shelf life: 15 months

Supplemental information

Visit www.fomicom.com or contact a local distributor for more specific instructions.



Froth-Pak™

DuPont™, the DuPont Oval Logo, and Froth-Pak are owned by affiliates of DuPont de Nemours, Inc., unless otherwise noted.

